T Trimpe Element Challenge Puzzle Cheats

Probability and Mathematical Statistics: A Series of Monographs and Textbooks: Random Polynomials focuses on a comprehensive treatment of random algebraic, orthogonal, and trigonometric polynomials. The publication first offers information on the basic definitions and properties of random algebraic polynomials and random matrices. Discussions focus on Newton's formula for random algebraic polynomials, random characteristic polynomials, measurability of the zeros of a random algebraic polynomial, and random power series and random algebraic polynomials. The text then elaborates on the number and expected number of real zeros of random algebraic polynomials; number and expected number of real zeros of other random polynomials; and variance of the number of real zeros of random algebraic polynomials. Topics include the expected number of real zeros of random orthogonal polynomials and the number and expected number of real zeros of trigonometric polynomials. The book takes a look at convergence and limit theorems for random polynomials and distribution of the zeros of random algebraic polynomials, including limit theorems for random algebraic polynomials and random companion matrices and distribution of the zeros of random algebraic polynomials. The publication is a dependable reference for probabilists, statisticians, physicists, engineers, and economists.

An upbeat evaluation of the superhero genre traces its roots in mythology, science fiction, and pulp magazines while chronicling its development to current venues in film, literature, and graphic novels. Original.

All his life, Dawson has been inventing things, repairing toys in unusual ways and helping clean up his neighborhood by reusing discarded objects, but when his Vacu-Maniac malfunctions, it is his friend Mooey whose brainpower saves the day. 35,000 first printing.

When Davey Martin's family moves to Mars, he discovers that there's nothing to do--at least until he and his robot dog Polaris learn to seize the spirit of adventure. It's not until they've zipped around the planet on his flying scooter--climbing Martian "trees," digging up "fossils," dancing in Martian rain dances--that they discover a treasure that finally piques Davey's interest--a source of water on the red planet! Chris Gall's new picture book plays on the themes (and ironies) of a complaint parents have heard from their children a thousand times: "There's nothing to do!" The book also offers a deeper lesson to our stationary, convenience-driven society: If you're creative and look carefully, you'll be amazed at what you find!

As a sign of affection for their warm-hearted rabbi, the families of the congregation make Rabbi Benjamin a special holiday vest, complete with four shiny silver buttons. Throughout the year?Rosh Hashanah, Sukkot, Chanukah, and Passover?the rabbi celebrates with his congregation, unable to resist their delicious home-cooked food. But with each holiday his vest grows tight, tighter, until . . . POP!

Where's Wolverine? When Wolverine's former alter ego Patch is sighted on the streets of Madripoor, the infamous island of ill repute, Kitty Pryde pulls together a group of Logan's closest friends to try and find him: Storm, Rogue, Psylocke, Domino and Jubilee. What they discover is a twisted cabal of crime and dark mysteries that will take these X-Men from the depths of Lowtown to the stars circling overhead in the Hunt For Wolverine. COLLECTING: HUNT FOR WOLVERINE 1, HUNT FOR WOLVERINE: MYSTERY IN MADRIPOOR 1-4

In 1966 a group of students, Boy Scouts, and local citizens rediscovered all that remained of a then virtually unknown community called Weeksville: four frame houses on Hunterfly Road. The infrastructure and vibrant history of Weeksville, an African American community that had become one of the largest free black communities in nineteenth century United States, were virtually wiped out by Brooklyn’s exploding

population and expanding urban grid. Weeksville was founded by African American entrepreneurs after slavery ended in New York State in 1827. Located in eastern Brooklyn, Weeksville provided a space of physical safety, economic prosperity, education, and even political power for its black population, who organized churches, a school, orphan asylum, home for the aged, newspapers, and the national African Civilization Society. Notable residents of Weeksville, such as journalist and educator Junius P. Morell, participated in every major national effort for African American rights, including the Civil War. In Brooklyn's Promised Land, Judith Wellman not only tells the important narrative of Weeksville's growth, disappearance, and eventual rediscovery, but also highlights the stories of the people who created this community. Drawing on maps, newspapers, census records, photographs, and the material culture of buildings and artifacts, Wellman reconstructs the social history and national significance of this extraordinary place. Through the lens of this local community, Brooklyn's Promised Land highlights themes still relevant to African Americans across the country.

Written by an expanded team of leading international scientists, the second edition thoroughly investigates research and therapies for managing adverse physiological effects of air-borne particles on the respiratory tract. The book examines the lung as the gateway for particle damage to organs outside the respiratory system and provide the information needed to understand and combat the numerous and varied ailments caused by inhaled particles.

Iron Man stuck in time and Dazzler stuck in space! Elektra lives, Yellowjacket dies! The FF if they never got powers and Nova if he never lost them! Mortals, mutants, and monsters - plus early yet brief resurrections of Phoenix and Captain Marvel, along with many other alternate oddities! All part of Marvel's sixth collection of quantum continuity! Secrets of past, future. and sideways revealed! Featuring Howard the Duck, Obnoxio the Clown, Aunt May, and more! Collects What If? #33-38.

This collection of interviews with Hollywood composers offers the most intimate look ever at the process of writing music for the movies. From getting started in the business to recording the soundtrack, from choosing a musical style to collaborating with directors, including Martin Scorsese, Stanley Kubrick, the Coen brothers, Terry Gilliam, Kenneth Branagh, and Ken Russell, from learning to deal with editing to writing with time-sensitive precision, the leading practitioners in the field share their views on one of the most important -- and least understood -- aspects of filmmaking: the motion picture art that's heard but not seen.

Summary Event Streams in Action is a foundational book introducing the ULP paradigm and presenting techniques to use it effectively in data-rich environments. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Many high-profile applications, like LinkedIn and Netflix, deliver nimble, responsive performance by reacting to user and system events as they occur. In large-scale systems, this requires efficiently monitoring, managing, and reacting to multiple event streams. Tools like Kafka, along with innovative patterns like unified log processing, help create a coherent data processing architecture for event-based applications. About the Book Event Streams in Action teaches you techniques for aggregating, storing, and processing event streams

using the unified log processing pattern. In this hands-on guide, you'll discover important application designs like the lambda architecture, stream aggregation, and event reprocessing. You'll also explore scaling, resiliency, advanced stream patterns, and much more! By the time you're finished, you'll be designing large-scale data-driven applications that are easier to build, deploy, and maintain. What's inside Validating and monitoring event streams Event analytics Methods for event modeling Examples using Apache Kafka and Amazon Kinesis About the Reader For readers with experience coding in Java, Scala, or Python. About the Author Alexander Dean developed Snowplow, an open source event processing and analytics platform. Valentin Crettaz is an independent IT consultant with 25 years of experience. Table of Contents PART 1 - EVENT STREAMS AND UNIFIED LOGS Introducing event streams The unified log 24 Event stream processing with Apache Kafka Event stream processing with Amazon Kinesis Stateful stream processing PART 2- DATA ENGINEERING WITH STREAMS Schemas Archiving events Railway-oriented processing Commands PART 3 - EVENT ANALYTICS Analytics-on-read Analytics-on-write

Marvel s top names from their classic days take a satarical look at the Marvel Universe.

Summary Deep Learning for Search teaches you how to improve the effectiveness of your search by implementing neural network-based techniques. By the time you're finished with the book, you'll be ready to build amazing search engines that deliver the results your users need and that get better as time goes on! Foreword by Chris Mattmann. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Deep learning handles the toughest search challenges, including imprecise search terms, badly indexed data, and retrieving images with minimal metadata. And with modern tools like DL4J and TensorFlow, you can apply powerful DL techniques without a deep background in data science or natural language processing (NLP). This book will show you how. About the Book Deep Learning for Search teaches you to improve your search results with neural networks. You'll review how DL relates to search basics like indexing and ranking. Then, you'll walk through in-depth examples to upgrade your search with DL techniques using Apache Lucene and Deeplearning4j. As the book progresses, you'll explore advanced topics like searching through images, translating user queries, and designing search engines that improve as they learn! What's inside Accurate and relevant rankings Searching across languages Content-based image search Search with recommendations About the Reader For developers comfortable with Java or a similar language and search basics. No experience with deep learning or NLP needed. About the Author Tommaso Teofili is a software engineer with a passion for open source and machine learning. As a member of the Apache Software Foundation, he contributes to a number of open source projects, ranging from topics like information retrieval (such as Lucene and Solr) to natural language processing and machine translation (including OpenNLP, Joshua, and UIMA). He

currently works at Adobe, developing search and indexing infrastructure components, and researching the areas of natural language processing, information retrieval, and deep learning. He has presented search and machine learning talks at conferences including BerlinBuzzwords, International Conference on Computational Science, ApacheCon, EclipseCon, and others. You can find him on Twitter at @tteofili. Table of Contents PART 1 - SEARCH MEETS DEEP LEARNING Neural search Generating synonyms PART 2 - THROWING NEURAL NETS AT A SEARCH ENGINE From plain retrieval to text generation More-sensitive query suggestions Ranking search results with word embeddings Document embeddings for rankings and recommendations PART 3 - ONE STEP BEYOND Searching across languages Content-based image search A peek at performance

Will Eisner (1917–2005) is universally considered the master of comics storytelling, best known for The Spirit, his iconic newspaper comic strip, and A Contract With God, the first significant graphic novel. This seminal work from 1978 ushered in a new era of personal stories in comics form that touched every adult topic from mortality to religion and sexuality, forever changing the way writers and artists approached comics storytelling. Noted historian Paul Levitz celebrates Eisner by showcasing his most famous work alongside unpublished and rare materials from the family archives. Also included are original interviews with creators such as Jules Feiffer, Art Spiegelman, Scott McCloud, Jeff Smith, Denis Kitchen, and Neil Gaiman—all of whom knew Eisner and were inspired by his work to create their own graphic novels for a new generation of readers. NOTE: The cover is a high-quality photographic reproduction of Eisner's original art. The design intentionally reveals tape and other stray markings that are part of the artist's process and reflect the age of the artifact that was photographed.

Both Thomas Edison and Henry Ford started off as insatiably curious tinkerers. That curiosity led them to become inventors—with very different results. As Edison invented hit after commercial hit, gaining fame and fortune, Henry struggled to make a single invention (an affordable car) work. Witnessing Thomas's glorious career from afar, a frustrated Henry wondered about the secret to his success. This little-known story is a fresh, kid-friendly way to show how Thomas Edison and Henry Ford grew up to be the most famous inventors in the world—and best friends, too.

What LAPD cop Parker Hass wants is a world both safe and just for his wife and infant daughter. But then a plague of insomnia strikes. Working undercover as a drug dealer in a Los Angeles ruled in equal parts by martial law and insurgency, Park is tasked with cutting off illegal trade in Dreamer, the only drug that can give the infected their precious sleep. After a year of lost leads, Park stumbles into the perilous shadows cast by the pharmaceutical giant behind Dreamer. Somewhere in those shadows a secret is hiding. Drawn into the inner circle of a tech guru with a warped agenda, Park delves deeper into the restless world. His wife has become sleepless, and their daughter may soon share

the same fate. For them, he will risk everything. Whatever the cost to himself.

SleeplessA NovelBallantine Books

At once funny and informative, Yaks Yak presents animals acting out the verbs made from their names. Illustrations rich in comic details show hogs hogging, slugs slugging, and other spirited creatures demonstrating homographs, words with different meanings that are spelled and pronounced the same. A chart listing the words, their meanings, and their history is included. Ideal for sharing, this book offers a sprightly and fanciful introduction to a fun form of wordplay.

The Jack Kirby Collector magazine presents this first-of-its-kind examination of the creators of the Marvel Universe, in an oversize book! Completed just days before Stan Lee's recent passing, Kirby & Lee: Stuf' Said! looks back at the duo's own words, in chronological order, from fanzine, magazine, radio, and television interviews, to paint the most comprehensive, and enlightening picture of their relationship ever done—why it succeeded, where it deteriorated, and when it eventually failed. Also here are recollections from Steve Ditko, Wallace Wood, John Romita Sr., and more Marvel Bullpen stalwarts who worked with both Kirby and Lee. Rounding out this book is a study of the duo's careers after they parted ways as collaborators, including Kirby's difficulties at Marvel Comics in the 1970s, his last hurrah with Lee on the Silver Surfer Graphic Novel, and his exhausting battle to get back his original art—and creator credit—from Marvel. Stuf' Said gives both men their say, compares their recollections, and tackles the question, "Who really created the Marvel Comics Universe?". It's the culmination of the Kirby Collector's 25 years of documenting comics history, just in time to kick of TwoMorrows' year-long anniversary celebration! Compiled, researched, and edited by publisher John Morrow.

Nearly a decade ago, Johanna Drucker cofounded the University of Virginia's SpecLab, a digital humanities laboratory dedicated to risky projects with serious aims. In SpecLab she explores the implications of these radical efforts to use critical practices and aesthetic principles against the authority of technology based on analytic models of knowledge. Inspired by the imaginative frontiers of graphic arts and experimental literature and the technical possibilities of computation and information management, the projects Drucker engages range from Subjective Meteorology to Artists' Books Online to the as yet unrealized 'Patacritical Demon, an interactive tool for exposing the structures that underlie our interpretations of text. Illuminating the kind of future such experiments could enable, SpecLab functions as more than a set of case studies at the intersection of computers and humanistic inquiry. It also exemplifies Drucker's contention that humanists must play a role in designing models of knowledge for the digital age—models that will determine how our culture will function in years to come.

This book provides the first English language account of the interview method known as the PCI. Offering a way of collecting knowledge by means of involving people actively in the research process, the interviewer takes the role of a well-informed traveller. With careful preparation and planning, the interviewer sets out with priorities and expectations, but the story the interviewer tells about his journey depends on the people encountered along the road. Novice and experienced interview researchers across the social, educational and health sciences will find this an invaluable guide to conducting interviews. Andreas

Witzel is senior researcher (retired) at the University of Bremen and former director of the Bremen Archive for Life Course Research. Herwig Reiter is senior researcher in the Department of Social Monitoring and Methodology of the German Youth Institute in Munich.

Marilyn Stokstad's landmark survey has been thoroughly revised and updated with heavily reworked sections on Renaissance, Baroque and Modern art as well as a completely new design and larger and more numerous illustrations.

This monograph is the first survey of neural approaches to conversational AI that targets Natural Language Processing and Information Retrieval audiences. It provides a comprehensive survey of the neural approaches to conversational AI that have been developed in the last few years, covering QA, task-oriented and social bots with a unified view of optimal decision making.The authors draw connections between modern neural approaches and traditional approaches, allowing readers to better understand why and how the research has evolved and to shed light on how they can move forward. They also present state-of-the-art approaches to training dialogue agents using both supervised and reinforcement learning. Finally, the authors sketch out the landscape of conversational systems developed in the research community and released in industry, demonstrating via case studies the progress that has been made and the challenges that are still being faced.Neural Approaches to Conversational AI is a valuable resource for students, researchers, and software developers. It provides a unified view, as well as a detailed presentation of the important ideas and insights needed to understand and create modern dialogue agents that will be instrumental to making world knowledge and services accessible to millions of users in ways that seem natural and intuitive.

Freed after spending four million years trapped in tar, the Dinobots are mad - literally As they go on the rampage across the USA, heroic Autobot leader dispatches a team to capture them, before innocent humans die and the Dinobots themselves fall into the hands of the evil Decepticons.

Appealing to the casual comic book reader as well as the hardcore graphic novel fan, this ultimate AtoZ compendium describes everyone’s favorite participants in the eternal battle between good and evil. With nearly 200 entries examining more than 1,000 heroes, icons and their place in popular culture, it is the first comprehensive profile of superheroes across all media, following their path from comic book stardom to radio, television, movies, and novels. The best-loved and most historically significant superheroes—mainstream and counterculture, famous and forgotten, best and worst—are presented with numerous full-color illustrations, including dozens of classic comic covers. Each significant era of the superhero is explored—from the Golden Age of the 1930s, 1940s, and 1950s through the Modern Age—providing a unique perspective of the role of the hero over the course of the 20th century and beyond. This latest edition has been revised to reflect updates on existing characters, coverage of new characters, and recent films and media trends in the last several years.

As Protector of the Universe and de facto defender of Earth, the Kree Captain Mar-Vell has triumphed over foes large and small. But when Mar-Vell is diagnosed with cancer, he fi nds himself face-to-face with a foe that even his vast might can't defeat...and both he, and a universe that loves him, must rally together to accept the inevitable. Plus, look back at the seminal battle with Nitro

that infected Captain Marvel years before - and, in the midst of a battle with Titan's planet-sized computer system, now corrupted by the madness of Thanos, witness the budding romance between Mar-Vell and his true love Elysius! COLLECTING: MARVEL SUPER-HEROES (1967) 12-13; CAPTAIN MARVEL (1968) 1, 34; MARVEL SPOTLIGHT (1979) 1-2; MARVEL GRAPHIC NOVEL 1: THE DEATH OF CAPTAIN MARVEL

Many physical, chemical, biomedical, and technical processes can be described by partial differential equations or dynamical systems. In spite of increasing computational capacities, many problems are of such high complexity that they are solvable only with severe simplifications, and the design of efficient numerical schemes remains a central research challenge. This book presents a tutorial introduction to recent developments in mathematical methods for model reduction and approximation of complex systems. Model Reduction and Approximation: Theory and Algorithms contains three parts that cover (I) sampling-based methods, such as the reduced basis method and proper orthogonal decomposition, (II) approximation of high-dimensional problems by low-rank tensor techniques, and (III) system-theoretic methods, such as balanced truncation, interpolatory methods, and the Loewner framework. It is tutorial in nature, giving an accessible introduction to state-of-the-art model reduction and approximation methods. It also covers a wide range of methods drawn from typically distinct communities (sampling based, tensor based, system-theoretic).?? This book is intended for researchers interested in model reduction and approximation, particularly graduate students and young researchers.

This anthology explores tensions between the individualistic artistic ideals and the collective industrial realities of contemporary cultural production with eighteen all-new chapters presenting pioneering empirical research on the complexities and controversies of comics work. Art Spiegelman. Alan Moore. Osamu Tezuka. Neil Gaiman. Names such as these have become synonymous with the medium of comics. Meanwhile, the large numbers of people without whose collective action no comic book would ever exist in the first place are routinely overlooked. Cultures of Comics Work unveils this hidden, global industrial labor of writers, illustrators, graphic designers, letterers, editors, printers, typesetters, publicists, publishers, distributors, translators, retailers, and countless others both directly and indirectly involved in the creative production of what is commonly thought of as the comic book. Drawing upon diverse theoretical and methodological perspectives, an international and interdisciplinary cohort of cutting-edge researchers and practitioners intervenes in debates about cultural work and paves innovative directions for comics scholarship.

The Eagle-Award winning barbarian parody series is collected at last! Thrud the Barbarian leads a simple life, one of popping down to his local pub, quaffing a few tankards of ale and starting a fight in which everyone else is beaten senseless. After which comes the wenches! Hurrah! Trouble is, there always seems to be someone with a quest to interrupt his peace, quiet and packet of crispsÉ In his first-ever collection, Thrud faces down a necromancer (FWAP! SPLATT! THOWK!), protects his beer against fierce Frost Giants (THWOP! KER-THUNK!), faces his arch-nemesis (MASH! TWHACK! THUNKTHUNKTHUNK!), assumes the role of the king he accidentally killed (POK!), and gets his pint spilled on a mission into the depths of the jungle (SPLUTCH!)!

"An introductory forensic science course that focuses on practices and analysis of physical evidence found at crime scenes. The

fundamental objective is to teach the basic processes and principles of scientific thinking and apply them to solve problems that are not only science related, but cross the curriculum with critical thinking skills."--Publisher.

Donald Duck and Uncle Scrooge have zany adventures.

Narratives are fundamental to our lives: we dream, plan, complain, endorse, entertain, teach, learn, and reminisce through telling stories. They provide hopes, enhance or mitigate disappointments, challenge or support moral order and test out theories of the world at both personal and communal levels. It is because of this deep embedding of narrative in everyday life that its study has become a wide research field including disciplines as diverse as linguistics, literary theory, folklore, clinical psychology, cognitive and developmental psychology, anthropology, sociology, and history. In Telling Stories leading scholars illustrate how narratives build bridges among language, identity, interaction, society, and culture; and they investigate various settings such as therapeutic and medical encounters, educational environments, politics, media, marketing, and public relations. They analyze a variety of topics from the narrative construction of self and identity to the telling of stories in different media and the roles that small and big life stories play in everyday social interactions and institutions. These new reflections on the theory and analysis of narrative offer the latest tools to researchers in the fields of discourse analysis and sociolinguistics.

Forensic Chemistry is a comprehensive overview of the subject aimed at those students who have a basic understanding of the underlying principles and are looking for a more detailed reference text. This book is aimed at advanced students who are studying forensic science or analytical chemistry, faculty and researchers, and practitioners such as crime laboratory bench scientists. The authors will assume that the reader will have an introductory knowledge of forensic science and forensic chemistry and will have had analytical, organic and instrumental chemistry. None of the major analytical chemical techniques will have separate treatments in the book, with the exception of forensic microscopy, which will have a chapter because many students in chemistry and forensic science do not get dedicated classes in this area. The book will have separate chapters on all of the major areas of forensic chemistry and, in addition, will have a chapter devoted to chemometrics, which is the statistical treatment of large amounts of data to discover groupings, similarities and differences among the data. Each chapter will be written by an acknowledged international expert in that area. Each author will be given detailed instructions as to the intended audience, as well as expected breadth and depth of coverage of the material in the hopes that this will minimize the problem of uneven coverage of topics and chapters that often occurs in edited books. Although each of the types of evidence covered in the book use methods of analysis that lie outside chemistry, these will be mentioned only for completeness in passing. The emphasis will be on the use of chemical tools in evidence analysis. This book is designed to be either a text book for an advanced forensic chemistry course, or a treatise in forensic chemistry for the scientist who wants to learn the subject in some depth. It is not designed to be a survey of the current literature in the field or a reference manual.

Describing the exciting and adventurous world surrounding geocaching--a worldwide hunt in which treasures are located using global positioning system (GPS) devices--this book offers an understanding and application of the principles and best practices of the game. What's different is that the authors wrap this knowledge in a tapestry of human stories that range from hilarious to touching. Paul and Dana Gillin interviewed 40 of the world's 50 most prolific geocachers as well as experts in container design, "extreme" geocaching and other dimensions of the game. They tell how this global activity inspires passion that has helped people heal frayed marriages, establish new friendships--and even save lives.

Welcome to New York. Here, burning figures roam the streets, men in brightly colored costumes scale the glass and concrete walls, and creatures from space threaten to devour our world. This is the Marvel Universe, where the ordinary and fantastic interact daily. This is the world of MARVELS. Collecting Marvels (1994) #0-4.

Ronney is an introverted young woman with a disgraceful appearance. She lives humbly in one of the poorest neighborhoods of Sheryl Valley, a town corrupted by the mafia in Southern California. With no diploma, she works hard in her parents' restaurant and provides voice-overs for children's animated movies during the weekend. In accordance with a long-standing family tradition, Ronney's twenty-fifth birthday celebration comes with a dare from her cousins: she must knock on the front door of the infamous Khan household. The Khans' reputation proceeds them, rumored to be in association with the mafia. But when Ronney knocks on the door, before she has the chance to run, the Khan family matriarch, Camilia, takes an interest in Ronney. Romney's lack of conventional beauty and disinterest in fashion draws Camilia in, leading her to offer Ronney the position of personal assistant to her eldest son, Yeraz, with a substantial salary at stake. It's an offer Ronney cannot refuse. To keep her job, Ronney's task is simple: do not fall in love with Yeraz. "Easy," she thinks. But what if destiny decides otherwise? Ugly Ronneyis a romance in which the heroes enter the gallery of legendary lovers.

The idea for this book originated during the workshop “Model order reduction, coupled problems and optimization” held at the Lorentz Center in Leiden from S- tember 19–23, 2005. During one of the discussion sessions, it became clear that a book describing the state of the art in model order reduction, starting from the very basics and containing an overview of all relevant techniques, would be of great use for students, young researchers starting in the ?eld, and experienced researchers. The observation that most of the theory on model order reduction is scattered over many good papers, making it dif?cult to ?nd a good starting point, was supported by most of the participants. Moreover, most of the speakers at the workshop were willing to contribute to the book that is now in front of you. The goal of this book, as de?ned during the discussion sessions at the workshop, is three-fold: ?rst, it should describe the basics of model order reduction. Second, both general and more specialized model order reduction techniques for linear and nonlinear systems should be

covered, including the use of several related numerical techniques. Third, the use of model order reduction techniques in practical appli- tions and current research aspects should be discussed. We have organized the book according to these goals. In Part I, the rationale behind model order reduction is explained, and an overview of the most common methods is described.