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Kiva Harper, a licensed clinical
social worker, sees clients who
are predominantly people of color.
Many of them share stories about
microaggressions — ...

~~North Texas counseling service
educates therapists on how
systemic racism affects mental
health care~~

Electric Last Mile Solutions, Inc.
("ELMS" or "the Company"), a
designer of intelligent, e-mobility
workstations for the last mile,

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today announced that it has signed a binding, long-term supply ...

~~Electric Last Mile Solutions
Announces Long-Term Supply
Agreement with Wuling Motors~~

DRNG is a security and surveillance company that focuses on commercializing a drone and AI technology enhanced home security system as a turnkey solution ... Adam Taylor will remain president ...

~~Video River Networks acquires
DRNG and hires Northrop
Grumman Aerospace Veteran~~

The use cases and applications for machine learning offer benefits for most organizations, according to experts.

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~~Machine learning is demonstrating its mettle across industries~~

Because Doherty studies the mechanics of this plant clockwork ... are huge, said Crispin Taylor, CEO of the American Society of Plant Biologists. But the country has never treated it as essential ...

~~Scientists have long warned climate change threatens our food security. Now they 're finding solutions.~~

Covid-19 revealed gaps in healthcare infrastructure across the world and not just India alone. However, India, despite its limited infrastructure and large population, saw doctors and healthcare ...

~~Intelligent ventilators crucial last mile technology in saving patient~~

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~~lives: Devang Lakhia, Hamilton
Medical~~

~~We also look at StudySource, an
innovative solution from Veradigm
® that can help investigators run
decentralized clinical trials more
smoothly and easily. Decentralized
clinical trials are ...~~

~~Decentralized clinical trials: Are
they here to stay?~~

~~The new printer, DP-QW410,
expands the existing product
lineup and can be used for a photo
booth, event photographers, and ID
photo solutions. Key Market
Trends Advertising Segment to
Witness ...~~

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~~Inc., ACME Printing, LSG
Communications US, LLC~~

SF Taylor is proud to have been announced as an awarded supplier for External Print and Digital services on the 2021 HealthTrust Europe framework We were previously awarded this status in 2017 and ...

~~SF Taylor named as awarded
supplier on HealthTrust Europe
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2021 Framework~~

Dr. Prentiss Taylor ... of solutions that give patients access to convenient care. We're also committed to providing a continuous care experience—one that balances direct clinical support ...

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~~Roundtable on Health Care Innovation~~

Taylor will be focusing on educating the entire care-at-home industry on the many clinical, financial and operational benefits Axxess' complete suite of solutions provides. "I'm really excited to ...

~~Axxess Strengthens Senior Leadership Team with Two Industry Veterans~~

Iowa high-school student [Dasia Taylor] found a much simpler solution that could drive down the infection rate. She used beets to develop color-changing sutures that turn from bright red to purple ...

~~Color Changing Sutures Detect~~

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Infection

Researchers in Mali have been working for decades on the treatment that's now in the final phase of clinical trials ...

~~West African Scientists Are Leading the Science Behind a Malaria Vaccine~~

The pandemic changed the way many consumers interact with brands and also their expectations of their overall customer experience. More consumers shopped online or reached out to companies digitally a ...

~~Consumer expectations for smooth online shopping grew in pandemic~~
Ena Respiratory has begun a phase 1 clinical trial of its nasal spray for the prevention of COVID-19 and

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other respiratory viral infections. The study is expected to wrap up in the third quarter.

~~Ena starts phase 1 trial of COVID-19 preventing nasal spray~~
Digitisation of the pathology workflow at NUH was made possible by PathLAKE Plus which is massively expanding digitisation across the NHS in order to put AI solutions developed by PathLAKE into ...

~~Nottingham University Hospitals NHS Trust selects Indica Labs to deliver their Digital Pathology Solution with HALO AP®~~
Veeva Systems (NYSE:VEEV) has proven how valuable software can be in organizing clinical trial data. Schrodinger's (NASDAQ:SDGR)

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solution is ... and Motley Fool
writer Taylor Carmichael discuss
...

~~My Favorite Biotech Stock Right Now~~

WASHINGTON, June 23, 2021
/PRNewswire/ -- With more than
two decades of industry
experience, Kris Taylor joins
leading enterprise eDiscovery
services provider HaystackID as
Chief Revenue Officer.

~~Cyber and Legal Discovery Provider HaystackID™ Announces Kris Taylor as Chief Revenue Officer~~

She will oversee copy teams on
assigned brands and projects,
helping to implement novel
creative solutions and develop new

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strategies for meeting client marketing goals. She will also participate in ...

~~Abelson Taylor Promotes Tarah Sperando to Associate Creative Director~~

PathLAKE is working to deliver innovative AI solutions needed in NHS pathology ... developed by PathLAKE into practice. Dr Tim Taylor, the Clinical Director of Pathology at NUH said, "We are ...

Giving students a thorough grounding in basic problems and their solutions, Analytical Mechanics: Solutions to Problems in Classical Physics presents a short theoretical description of the

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principles and methods of analytical mechanics, followed by solved problems. The authors thoroughly discuss solutions to the problems by taking a comprehensive a

Taylor's Handbook of Clinical Nursing Skills is a step-by-step guide to basic and advanced nursing skills. This book will be a quick reference tool for review of cognitive and technical knowledge and will assist students and practicing nurses to provide safe and effective healthcare. It is an ideal companion to any nursing skills or nursing fundamentals text, including Lynn, Taylor's Clinical Nursing Skills and Taylor, Fundamentals of Nursing: The Art and Science of Nursing Care.

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Statistical Mechanics:
Fundamentals and Model Solutions,
Second Edition Fully updated
throughout and with new chapters
on the Mayer expansion for
classical gases and on cluster
expansion for lattice models, this
new edition of Statistical
Mechanics: Fundamentals and
Model Solutions provides a
comprehensive introduction to
equilibrium statistical mechanics
for advanced undergraduate and
graduate students of mathematics
and physics. The author presents a
fresh approach to the subject,
setting out the basic assumptions
clearly and emphasizing the
importance of the thermodynamic
limit and the role of convexity.
With problems and solutions, the

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book clearly explains the role of models for physical systems, and discusses and solves various models. An understanding of these models is of increasing importance as they have proved to have applications in many areas of mathematics and physics. Features Updated throughout with new content from the field An established and well-loved textbook Contains new problems and solutions for further learning opportunity Author Professor Teunis C. Dorlas is at the Dublin Institute for Advanced Studies, Ireland.

"This is truly an outstanding book. [It] brings together all of the latest research in clinical trials methodology and how it can be

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applied to drug development.... Chang et al provide applications to industry-supported trials. This will allow statisticians in the industry community to take these methods seriously." Jay Herson, Johns Hopkins University The pharmaceutical industry's approach to drug discovery and development has rapidly transformed in the last decade from the more traditional Research and Development (R & D) approach to a more innovative approach in which strategies are employed to compress and optimize the clinical development plan and associated timelines. However, these strategies are generally being considered on an individual trial basis and not as part of a fully integrated overall development program. Such

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optimization at the trial level is somewhat near-sighted and does not ensure cost, time, or development efficiency of the overall program. This book seeks to address this imbalance by establishing a statistical framework for overall/global clinical development optimization and providing tactics and techniques to support such optimization, including clinical trial simulations. Provides a statistical framework for achieve global optimization in each phase of the drug development process. Describes specific techniques to support optimization including adaptive designs, precision medicine, survival-endpoints, dose finding and multiple testing. Gives practical approaches to handling

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missing data in clinical trials using SAS. Looks at key controversial issues from both a clinical and statistical perspective. Presents a generous number of case studies from multiple therapeutic areas that help motivate and illustrate the statistical methods introduced in the book. Puts great emphasis on software implementation of the statistical methods with multiple examples of software code (both SAS and R). It is important for statisticians to possess a deep knowledge of the drug development process beyond statistical considerations. For these reasons, this book incorporates both statistical and "clinical/medical" perspectives.

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The author approaches an old classic problem - the existence of solutions of Navier-Stokes equations. The main objective is to model and derive of equation of continuity, Euler equation of fluid motion, energy flux equation, Navier-Stokes equations from the observer point of view and solve classic problem for this interpretation of fluid motion laws. If we have a piece of metal or a volume of liquid, the idea impresses itself upon us that it is divisible without limit, that any part of it, however small, would again have the same properties. But, wherever the methods of research in the physics of matter were refined sufficiently, limits to divisibility were reached that are

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not due to the inadequacy of our experiments but to the nature of the subject matter. Observability in mathematics were developed by the author based on denial of infinity idea. He introduces observers into arithmetic, and arithmetic becomes dependent on observers. And after that the basic mathematical parts also become dependent on observers. This approach permits to reconsider the fluid motion laws, analyze them and get solutions of classic problems. Table of Contents 1. Introduction. 2. Observability and Arithmetic. 3. Observability and Vector Algebra. 4. Observability and Mathematical Analysis (Calculus). 5. Classic Fluid Mechanics equations and Observability. 6. Observability and

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Thermodynamical equations. 7. Observability and equation of continuity. 8. Observability and Euler equation of motion of the fluid. 9. Observability and energy flux and moment flux equations. 10. Observability and incompressible fluids. 11. Observability and Navier-Stokes equations. 12. Observability and Relativistic Fluid Mechanics. 13. Appendix: Review of publications of the Mathematics with Observers. 14. Glossary. Bibliography Index Biography Boris Khots, DrSci, lives in Iowa, USA, Independent Researcher. Alma Mater - Moscow State Lomonosov University, Department of Mathematics and Mechanics (mech-math). Creator of Observer 's Mathematics.

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Participant of more than 30 Mathematical international congresses, conferences. In particular, participated with presentation at International Congresses of Mathematicians on 1998 (Germany), 2002 (China), 2006 (Spain), 2010 (India), 2014 (South Korea). More than 150 mathematical books and papers.

Occupational ergonomics and safety studies the application of human behavior, abilities, limitations, and other characteristics to the design, testing, and evaluation of tools, machines, systems, tasks, jobs, and environments for productive, safe, comfortable, and effective

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use. Occupational Ergonomics Handbook provides current, comprehensive knowledge in this broad field, providing essential, state-of-the-art information from nearly 150 international leaders of this discipline. The text assesses the knowledge and expertise applied to industrial environments: Providing engineering guidelines for redesigning tools, machines, and work layouts Evaluating the demands placed on workers by current jobs Simulating alternative work methods Determining the potential for reducing physical job demands based on the implementation of new methods Topics also include: Fundamental ergonomic design principles at work Work-related musculoskeletal injuries, such as

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cumulative trauma to the upper extremity (CTDs) and low back disorders (LBDs), which affect several million workers each year with total costs exceeding \$100 billion annually Current knowledge used for minimizing human suffering, potential for occupational disability, and related worker's compensation costs Working conditions under which musculoskeletal injuries might occur Engineering design measures for eliminating or reducing known job-risk factors Optimal manufacturing processes regarding human perceptual and cognitive abilities as well as task reliability Identifying the worker population affected by adverse conditions Early medical and work intervention efforts Economics of

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an ergonomics maintenance program Ergonomics as an essential cost to doing business Ergonomics intervention includes design for manufacturability, total quality management, and work organization. Occupational Ergonomics Handbook demonstrates how ergonomics serves as a vital component for the activities of the company and enables an advantageous cooperation between management and labor. This new handbook serves a broad segment of industrial practitioners, including industrial and manufacturing engineers; managers; plant supervisors and ergonomics professionals; researchers and students from academia, business, and government; human factors

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and safety specialists; physical therapists; cognitive and work psychologists; sociologists; and human-computer communications specialists.

Exact Solutions and Invariant Subspaces of Nonlinear Partial Differential Equations in Mechanics and Physics is the first book to provide a systematic construction of exact solutions via linear invariant subspaces for nonlinear differential operators. Acting as a guide to nonlinear evolution equations and models from physics and mechanics, the book focuses on the existence of new exact solutions on linear invariant subspaces for nonlinear operators and their crucial new properties. This practical

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reference deals with various partial differential equations (PDEs) and models that exhibit some common nonlinear invariant features. It begins with classical as well as more recent examples of solutions on invariant subspaces. In the remainder of the book, the authors develop several techniques for constructing exact solutions of various nonlinear PDEs, including reaction-diffusion and gas dynamics models, thin-film and Kuramoto-Sivashinsky equations, nonlinear dispersion (compacton) equations, KdV-type and Harry Dym models, quasilinear magma equations, and Green-Naghdi equations. Using exact solutions, they describe the evolution properties of blow-up or extinction phenomena, finite

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interface propagation, and the oscillatory, changing sign behavior of weak solutions near interfaces for nonlinear PDEs of various types and orders. The techniques surveyed in Exact Solutions and Invariant Subspaces of Nonlinear Partial Differential Equations in Mechanics and Physics serve as a preliminary introduction to the general theory of nonlinear evolution PDEs of different orders and types.

This book provides quick access to quantum mechanics without dealing with a true textbook that demands proper specialized studies in physics (and related mathematics) for about a couple of years. It consists of three parts: basic formalism, formal

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development, and ontological issues. The 70 figures are a crucial instrument for becoming acquainted in a "representative" way with abstract problems, and the 30 in-section boxes assist readers understand for difficult mathematical problems. The book offers a considerable number of clear and analytical treatments of what are considered the most difficult conceptual problems of the theory.

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