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~~Structures Theory And Ysis M~~
Capital structure theory is the analysis ... used and a company's investments. The M&M theorem made two propositions: With a static trade-off theory, since a company's debt payments are tax ...

~~Which Financial Principles Help Companies Choose Capital Structure?~~
Are social structures products of human action ... The divide between structuralism and rational-choice theory has been one of the most prominent such splits. Yet each approach has undergone a revival ...

~~Structures of Power and Constraint~~
Never mind that CRT is not K-12 curriculum. The effectiveness of these right-wing attacks is that truth, facts, and history are irrelevant.

~~Mychaljko: Anti-Critical Race Theory hysteria revives McCarthyism, Klan politics~~
Critical race theory has been around for more than four decades. It traces its roots to a field that emerged in the mid-1970s known as critical legal studies, where legal scholars look at how laws can ...

~~What is critical race theory? Berks scholars explain~~
How Ordinary People are Changing the Face of Discovery." The Fermilab At Home arts and lecture series continues on Friday, July 16, with "Life, Liberty, and the Pursuit of Data: Truths and Myths about ...

~~Learn the truths and myths of citizen science at the July 16 Fermilab At Home~~
Driven by Republican opposition to critical race theory, Gov. Greg Abbott wants the Texas Legislature to revisit the issue.

~~How critical race theory has come to drive debate, confrontations in Texas~~
Without a structured, normalized, approach toward analysis, we are destined to wallow in unverified, unchallenged fantasies which can then become the structure ... theory as well. And who am I? I ...

~~Guest Column: Critical thinking and theory are needed now~~
A Vernon County man is in custody after shooting at a structure last Thursday, July 8, 2021. Deputies with the Vernon County Sheriff's Office responded to a residence on E 54 ...

~~Woman hid behind shed as neighbor fired 'multiple rounds' at her house and hiding spot; He's jailed now facing multiple Felony charges~~
Combining molecular dynamics simulations, time-dependent density-functional theory, and experimental structure factor analysis, the coherent motions are identified as collective sliding motions of the ...

~~Nuclear dynamics of singlet exciton fission in pentacene single crystals~~
one of the theory's founders, and his colleagues. CRT posits that racism is embedded throughout social systems, and those who have most benefited by these systems have little incentive for change. It ...

~~Critical race theory has a role to play in business communications and PR~~
Today, we're going to be talking about how to make race and gender equity standard business practices in aviation. Joining me today are Bird Guess, who's the President and CEO of The Racial Equity ...

~~Podcast: What can companies and individuals do to encourage race and gender equity?~~
On the other hand, critical race theory says that racism is inherent in our institutions and structures of governance ... "They are not coming into the classroom and saying, 'I'm going to teach ...

~~What Is (and Isn't) Critical Race Theory, Anyway?~~
Critical race theory isn't taught in grade schools, local education officials said, but that hasn't stopped controversy over the academic concept.

~~Controversy over critical race theory confounds some education leaders~~
Academics use the approach to look at how our understanding of race and white supremacy have impacted our past, structures ... as a state on the theory. "Well, I'm opposed to critical ...

~~Gov. Ricketts says he is 'opposed to critical race theory'~~
Game theory is the science concerning the systematizing of strategic conflict and cooperation among rational actors. It was formalized in the mid-40s by the genius polymath John Von Neumann, and then ...

~~Bitcoin's Game Theory Is Not Cut And Dried~~
They showed that even seemingly neutral legal structures and policies could perpetuate racial injustice. Over the years, critical race theory has moved out of law schools into other academic ...

~~Why they attack critical race theory~~
On the other hand, critical race theory says that racism is inherent in our institutions and structures of governance ... the classroom and saying, "I'm going to teach critical race theory." ...

Shells are basic structural elements of modern technology and everyday life. Examples of shell structures in technology include automobile bodies, water and oil tanks, pipelines, silos, wind turbine towers, and nanotubes. Nature is full of living shells such as leaves of trees, blooming flowers, seashells, cell membranes or wings of insects. In the human body arteries, the eye shell, the diaphragm, the skin and the pericardium are all shells as well. Shell Structures: Theory and Applications, Volume 4 contains 132 contributions presented at the 11th Conference on Shell Structures: Theory and Applications (Gdansk, Poland, 11-13 October 2017). The papers reflect a wide spectrum of scientific and engineering problems from theoretical modelling through strength, stability and dynamic behaviour, numerical analyses, biomechanic applications up to engineering design of shell structures. Shell Structures: Theory and Applications, Volume 4 will be of interest to academics, researchers, designers and engineers dealing with modelling and analyses of shell structures. It may also provide supplementary reading to graduate students in Civil, Mechanical, Naval and Aerospace Engineering.

Exercises and Solutions in Statistical Theory helps students and scientists obtain an in-depth understanding of statistical theory by working on and reviewing solutions to interesting and challenging exercises of practical importance. Unlike similar books, this text incorporates many exercises that apply to real-world settings and provides much more thorough solutions. The exercises and selected detailed solutions cover from basic probability theory through to the theory of statistical inference. Many of the exercises deal with important, real-life scenarios in areas such as medicine, epidemiology, actuarial science, social science, engineering, physics, chemistry, biology, environmental health, and sports. Several exercises illustrate the utility of study design strategies, sampling from finite populations, maximum likelihood, asymptotic theory, latent class analysis, conditional inference, regression analysis, generalized linear models, Bayesian analysis, and other statistical topics. The book also contains references to published books and articles that offer more information about the statistical concepts. Designed as a supplement for advanced undergraduate and graduate courses, this text is a valuable source of classroom examples, homework problems, and examination questions. It is also useful for scientists interested in enhancing or refreshing their theoretical statistical skills. The book improves readers' comprehension of the principles of statistical theory and helps them see how the principles can be used in practice. By mastering the theoretical statistical strategies necessary to solve the exercises, readers will be prepared to successfully study even higher-level statistical theory.

Shells are basic structural elements of modern technology. Examples of shell structures include automobile bodies, domes, water and oil tanks, pipelines, ship hulls, aircraft fuselages, turbine blades, laudspeaker cones, but also balloons, parachutes, biological membranes, a human skin, a bottle of wine or a beer can. This volume contains full texts of over 100 papers presented by specialists from over 20 countries at the 8th Conference "Shell Structures: Theory and Applications", 12-14 October, 2005 in Jurata (Poland). The aim of the meeting was to bring together scientists, designers, engineers and other specialists in shell structures in order to discuss important results and new ideas in this field. The goal is to pursue more accurate theoretical models, to develop more powerful and versatile methods of analysis, and to disseminate expertise in design and maintenance of shell structures. Among the authors there are many distinguished specialists of shell structures, including the authors of general lectures: I.V. Andrianov (Ukraine), V.A. Eremeyev (Russia), A. Ibrahimbegovic (France), P. Klosowski (Poland), B.H. Kröplin (Germany), E. Ramm (Germany), J.M. Rotter (UK) and D. Steigmann (USA). The subject area of the papers covers various theoretical models and numerical analyses of strength, dynamics, stability, optimization etc. of different types of shell structures, their design and maintenance, as well as modelling of some surface-related mechanical phenomena.

This volume traces the prehistory and initial development of wavelet theory, a discipline that has had a profound impact on mathematics, physics, and engineering. It contains the seminal papers that presented the ideas from which wavelet theory developed, as well as those papers that developed the theory.

This publication provides a comprehensive and systematically organized coverage of higher order finite-difference time-domain or FDTD schemes, demonstrating their potential role as a powerful modeling tool in computational electromagnetics. Special emphasis is drawn on the analysis of contemporary waveguide and antenna structures. Acknowledged as a significant breakthrough in the evolution of the original Yee's algorithm, the higher order FDTD operators remain the subject of an ongoing scientific research. Among their indisputable merits, one can distinguish the enhanced levels of accuracy even for coarse grid resolutions, the fast convergence rates, and the adjustable stability. In fact, as the fabrication standards of modern systems get stricter, it is apparent that such properties become very appealing for the accomplishment of elaborate and credible designs.

Proceedings of the NATO Advanced Study Institute on Performance Limits in Communication: Theory and Practice, Il Ciocco, Castelvecchio, Pascoli, Tuscany, Italy, July 7-19, 1986

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