

Geological Survey Research, 1971, Chapter B. Jul 19 2019

Sustainable Architecture: A Solution to a Sustainable Sleep-out Design Brief (Volume 2). Aug 24 2022 SYNOPSIS: This book is about Design and Visual Communication for secondary school students and teachers. It is a very useful resource for primary, secondary school teachers and tertiary students, who are interested in all aspects of sustainable architecture. Designers and architects could also find it an interesting read. The software Google Sketch-up used, discussed, and illustrated in this book, is very user-friendly. The computer-aided drawing program – SketchUpMake – is freeware, which can be downloaded from the Internet. The computer program is very easy to use; very young kids, like primary school students, and secondary school students, can use it. It is a great design program and many tertiary students, as well as professional architects and designers, make use of it. The advantage is that objects and buildings can be designed in just minutes, for example, concepts and ideas. Included in the sleep-out brief is general research (inspiration board, design eras & influential architects), and design activities that include possible solutions to a sustainable architectural design brief. Extensive content is included on freehand sketches, SketchUp computer-aided drawings, elevations, site plans, diagrams, screenshots, biomimetics, assessments, and more. The assessment of the chosen building site is presented, including weather and climatic factors. Additionally, the author has included links to his YouTube videos (model/movement). These videos were specifically included to assist the solution to sustainable architectural briefs. Links to published academic work by the author, and much more, are also included. See Five House Publishing for more details. Exemplars of secondary school students work (sixteen-year-olds) from a New Zealand Secondary School are included (Design and Visual Communication). KEYWORDS: Design and Visual Communication (DVC), Sustainable Architecture, 16-year-olds, animal architecture, armadillo and onion inspired, ask nature how, biomimetics, clerestory, climate, collecting rainwater, computer-aided software, concrete, creativity, design eras, elevations, freehand sketching, generating design ideas, green roof, harvesting energy from the sun, harvesting energy from the wind, heatsink, ideation, illustrate sustainable function, influential designers, innovation, location, model, modernism, modernist architects, movement, New Zealand, orientation, passive solar, passive solar design, passive solar panel, passive ventilation, photovoltaic panel, primary school, retrofitting, secondary school, sectional views, Shadows and Shading, shipping container sleep-out, site assessment, site plan, Sketch-Up, sleep-out, steel reinforcing, sustainable architecture, sustainable features & functions, the living classroom, thermal mass, trombe walls, weather, climate.

A Solution for the Wave Velocity Field Existing on an Underwater Portion of an Impervious Sloping Breakwater May 09 2021

For Every Excuse, There is a Solution Aug 12 2021 While it is a natural thing to give excuses, this book will be arguing that giving excuses is not good enough. The reason is, that each time excuses come up it is an indication of the possibility to provide solutions. While these opportunities may be hidden in pain, injustices, discrimination, and hatred, it takes seeing beyond excuses to come up with solutions. The way to become significant and make an impact is by providing solutions. But you will never rise to the occasion if all you do is give excuses. You will remain stuck where you are if you keep giving "good excuses." The bitter truth is that no matter how good you think your excuses are, the only thing they are doing for you is keeping you stuck in your present predicament.

Consider Jesus Jan 25 2020 This book provides a clear, winsome case for Jesus Christ as the answer every human problem, as the one thing that mankind needs most.

Thinking and Acting Like a Solution-Focused School Counselor Jul 11 2021 Learn How to Emphasize Students' Strengths to Help Them Resolve Problems!

On a solution to a problem of Rivlin Mar 19 2022

A Solution to Einstein's Gravitational Field Equation for a Spherically Symmetrical Static Perfect Fluid Aug 20 2019 "Given spherical symmetry, Einstein's gravitational field equations are reduced to a single, second order, linear, homogeneous differential equation. The solution of this equation for a homogeneous sphere is identical with Schwarzschild's solution ... Values of relative density, interior mass, relative pressure, relative and absolute temperature are obtained as functions of radius, r, and are compared with corresponding values for the homogeneous sphere, and for a model sun"--Abstract, leaf [v].

Drawdown Sep 20 2019 NEW YORK TIMES BESTSELLER For the first time ever, an international coalition of leading researchers, scientists and policymakers has come together to offer a set of realistic and bold solutions to climate change. All of the techniques described here - some well-known, some you may have never heard of - are economically viable, and communities throughout the world are already enacting them. From revolutionizing how we produce and consume food to educating girls in lower-income countries, these are all solutions which, if deployed collectively on a global scale over the next thirty years, could not just slow the earth's warming, but reach drawdown: the point when greenhouse gasses in the atmosphere peak and begin to decline. So what are we waiting for?

Eco-fuel-FA (ECOFA) A Viable Solution Sep 01 2020 A group of Spanish developers working under the company name Ecofasa, headed by chief executive officer and inventor Francisco Angulo, has developed a biochemical process to turn urban solid waste into a fatty acid biodiesel feedstock. ?It took more than 10 years working on the idea of producing biodiesel from domestic waste using a biological method.? Angulo told Biodiesel Magazine. ?My first patent dates back to 2005. It was first published in 2007 in Soto de la Vega, Spain, thanks to the council and its representative Antonio Nevado.?Using microbes to convert organic material into energy isn't a new concept to the renewable energy industries, and the same can be said for the anaerobic digestion of organic waste by microbes, which turns waste into biogas consisting mostly of methane. However, using bacteria to convert urban waste to fatty acids, which can then be used as a feedstock for biodiesel production, is a new twist. The Spanish company calls this process and the resulting fuel Ecofa.

Solutions to Engineering Mathematics Vol - IV Dec 24 2019

A Proof of Existence of Particle-like Solutions of Einstein Dirac Equations Dec 04 2020

The Pre-Kernel as a Tractable Solution for Cooperative Games Nov 03 2020 This present book provides an alternative approach to study the pre-kernel solution of transferable utility games based on a generalized conjugation theory from convex analysis. Although the pre-kernel solution possesses an appealing axiomatic foundation that lets one consider this solution concept as a standard of fairness, the pre-kernel and its related solutions are regarded as obscure and too technically complex to be treated as a real alternative to the Shapley value. Comprehensible and efficient computability is widely regarded as a desirable feature to qualify a solution concept apart from its axiomatic foundation as a standard of fairness. We review and then improve an approach to compute the pre-kernel of a cooperative game by the indirect function. The indirect function is known as the Fenchel-Moreau conjugation of the characteristic function. Extending the approach with the indirect function, we are able to characterize the pre-kernel of the grand coalition simply by the solution sets of a family of quadratic objective functions.

There Is a Solution - a Personal Spiritual Voyage of Recovery from Alcoholism Feb 18 2022 This book represents Joe C.'s experience of recovery from alcoholism in Alcoholics Anonymous (AA). It was written in response to a direct request from his family members in Ireland who asked, "What does the recovery of addiction involve?" The object of the book is to inform family members, addicts, alcoholics or anyone looking for the answers behind the public's perceived "mystery" of AA and the disease of alcoholism.

On the existence of a solution to the Riemann-Hilbert problem for a partial differential equation Jan 05 2021

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The Mystery to a Solution Apr 20 2022 Irwin mirrors the aesthetic impact of the genre by creating in his study the dynamics of a detective story--the uncovering of mysteries, the accumulation of evidence, the tracing of clues, and the final solution that ties it all together.

Russian Mathematics Feb 24 2020

Fundamentals of Industrial Problem Solving Apr 08 2021 Teaches Readers How to Apply a Structured Problem-Solving Methodology for Industrial Fields Based on Sound Scientific Principles As modern industrial processes have become increasingly complex, complicated multi-factor problems have emerged. These complex problems end up costing companies millions of dollars every day. Existing problem-solving techniques are only effective to a certain point. This book provides a solution to a myriad of industrial problems by using first principles and rigorous hypothesis testing. Key topics covered within the work include: How to use the latest research, advanced modeling, big data mining, analytical testing, and many other techniques to systematically create and test hypotheses surrounding why a process is malfunctioning How to use scenario development to frame a team's understanding of why a process is malfunctioning How to approach today's lack of experienced industrial workers, whose failure to approach problem solving from first fundamentals are causing myriad of inefficiencies in industry How to use multiple methodologies together with an emphasis on first principles and mechanistic math modeling as a basis to industrial problem solving Engineers of any discipline working in both research and development of manufacturing environments, along with professionals in any industrial discipline looking to reduce costs will be able to use this work to both understand and pragmatically solve the pressing issues we see in today's industrial market.

A Solution to the Equi-angular Spiral Antenna Problem Jul 31 2020

Solutions to Engineering Mathematics Vol - III Mar 07 2021

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