

# 1998 Monte Carlo Engine Diagram

**Monte Carlo Frameworks Challenges for Radiation Transport Modelling: Monte Carlo and Beyond** *Note on Monte Carlo Method How to Rebuild Big-Block Chevy Engines* Chevrolet Parts Interchange Manual, 1959-1970 Propulsion and Power **Quantitative Analysis in Financial Markets XVA Diesel Engine System Design** *Chevy Big-Block Engine Parts Interchange Day One* **Skiing** *The Concepts and Practice of Mathematical Finance* **Ski AAMA Specifications Form - Passenger Car; Chevrolet Monte Carlo. 1997** *Federal Register* **Jet** *Popular Science* **Retirement Income Redesigned Chevy SS** **Ebony Advances in Data Analysis Engine Exhaust Particulates Motor auto engine tune up & electronics manual** **Computational Science - ICCS 2006** *Computational Science - ICCS 2006* *Popular Science* **Those 80s Cars - GM** **Ebony AAMA Specifications Form - Passenger Car; Chevrolet Monte Carlo. 1996** **Practical Quantitative Finance with ASP.NET Core and Angular** *Extreme Environment Electronics* *Popular Mechanics* **Lemon-Aid Used Cars and Trucks 2012-2013** *Statistical Rethinking* *Popular Mechanics* **World Congress on Medical Physics and Biomedical Engineering September 7 - 12, 2009 Munich, Germany** **Applied Nuclear Physics at Accelerators** **Uncertainty Quantification in Computational Fluid Dynamics and Aircraft Engines** **Chevelle Restoration and Authenticity Guide 1970-1972**

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**Lemon-Aid Used Cars and Trucks 2012-2013** Dec 26 2019 Lemon-Aid guides steer the confused and anxious buyer through the economic meltdown unlike any other car-and-truck books on the market. U.S. automakers are suddenly awash in profits, and South Koreans and Europeans have gained market shares, while Honda, Nissan, and Toyota have curtailed production following the 2011 tsunami in Japan. Shortages of Japanese new cars and supplier disruptions will likely push used car prices through the roof well into 2012, so what should a savvy buyer do? The all-new Lemon-Aid Used Cars and Trucks 2012-2013 has the answers, including: More vehicles rated, with some redesigned models that don't perform as well as previous iterations downrated. More roof crash-worthiness ratings along with an expanded cross-border shopping guide. A revised summary of safety- and performance-related defects that are likely to affect rated models. More helpful websites listed in the appendix as well as an updated list of the best and worst "beaters" on the market. More "secret" warranties taken from automaker internal service bulletins and memos than ever. *How to Rebuild Big-Block Chevy Engines* Jul 25 2022 From workhorse to racehorse, the big-block Chevy provided the power demands of the mid-

'60s. used in everything from medium-duty trucks to Corvettes, these engines are worth rebuilding. Do it right with this book! Clear, concise text guides you through each engine-rebuilding step. Includes complete specifications and more than 500 photos, drawings, charts and graphs. Covers troubleshooting, parts reconditioning and engine assembly. Tells you how to do a complete overhaul or a simple parts swap. One whole chapter on parts identification tells how to interchange parts for improvised durability or performance. Includes comprehensive specifications and casting numbers.

Jet Jun 12 2021 The weekly source of African American political and entertainment news.

**Uncertainty Quantification in Computational Fluid Dynamics and Aircraft Engines** Jul 21 2019 This book introduces design techniques developed to increase the safety of aircraft engines, and demonstrates how the application of stochastic methods can overcome problems in the accurate prediction of engine lift caused by manufacturing error. This in turn addresses the issue of achieving required safety margins when hampered by limits in current design and manufacturing methods. The authors show that avoiding the potential catastrophe generated by the failure of an aircraft engine relies on the prediction of the correct behaviour of microscopic imperfections. This book shows how to quantify the possibility of such failure, and that it is possible to design components that are inherently less risky and more reliable. This new, updated and significantly expanded edition gives an introduction to engine reliability and safety to contextualise this important issue, evaluates newly-proposed methods for uncertainty quantification as applied to jet engines. *Uncertainty Quantification in Computational Fluid Dynamics and Aircraft Engines* will be of use to gas turbine manufacturers and designers as well as CFD practitioners, specialists and researchers. Graduate and final year undergraduate students in aerospace or mathematical engineering may also find it of interest.

Popular Science May 11 2021 Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

**Computational Science - ICCS 2006** Oct 04 2020

*Ski* Sep 15 2021

**World Congress on Medical Physics and Biomedical Engineering September 7 - 12, 2009 Munich, Germany** Sep 22 2019 Present Your Research to the World! The World Congress 2009 on Medical Physics and Biomedical Engineering - the triennial scientific meeting of the IUPESM - is the world's leading forum for presenting the results of current scientific work in health-related physics and technologies to an international audience. With more than 2,800 presentations it will be the biggest conference in the fields of Medical Physics and Biomedical Engineering in 2009! Medical physics, biomedical engineering and bioengineering have been driving forces of innovation and progress in medicine and healthcare over the past two decades. As new key technologies arise with significant potential to open new options in diagnostics and therapeutics, it is a multidisciplinary task to evaluate their benefit for medicine and healthcare with respect to the quality of performance and therapeutic output. Covering key aspects such as information and communication technologies, micro- and nanosystems, optics and biotechnology, the congress will serve as an inter- and multidisciplinary platform that brings together people from basic research, R&D, industry and medical application to discuss these issues. As a major event for science, medicine and technology the congress provides a comprehensive overview and in-depth, first-hand information on new developments, advanced technologies and current and future applications. With this Final Program we would like to give you an overview of the dimension of the congress and invite you to join us in Munich! Olaf Dössel Congress President Wolfgang C.

**Skiing** Nov 17 2021

Day One Dec 18 2021 In Day One, automotive journalist Marty Schorr recalls life on the front line in the classic muscle car era, thrashing brand-new cars that would become collector vehicles. Most muscle-car books celebrate beautifully-restored vehicles surrounded by hard facts; Day One tells the real story from the point-of-view of one of the period's most respected automotive journalists, Marty Schorr. For the first time in print, you'll get a unique perspective on what it was like to actually drive, race, and otherwise thrash what are some of today's most valuable collector cars. CARS, the iconic magazine Marty wrote and edited didn't rely on industry advertising for revenue. Instead, the magazine made money the old fashioned way, from newsstand sales, leaving it able to be honest and frank in its coverage of high-performance street cars. CARS magazine reported on both Day stock and modified cars, cars the traditional magazines wouldn't touch, like the ultra-high-performance vehicles from companies like Baldwin-Motion, Yenko Chevrolet, Nickey Chevrolet, Royal Pontiac, and Tasca Ford. Prepare yourself for Day One to cover the most important cars of a given year, including: Pontiac's 1962-1963 lightweight Super-Duty 421 street and Swiss Cheese models Chevrolet's 1963 big-block 427 Mystery Motor and ZL-1 Impala. Ford 1963 1/2 427/425 Galaxie fastback The 1964 Ramchargers The first 426 Street Hemi Cotton-Owens prepared Hemi Coronet A 1966 Olds Twin-Engined (850 cubic inches) Grant Toronado, currently owned by Jay Leno A prototype 1966 Plymouth 426 Street Hemi Satellite One of two 427 SOHC Galaxies prototypes A '67 Royal Bobcat GTO Plymouth's original '68 Hemi Road Runner Hurst-built Plymouth & Dodge 1968 Hemi-Darts and Hemi-Cudas

*Note on Monte Carlo Method* Aug 26 2022

**Ebony** Feb 08 2021 EBONY is the flagship magazine of Johnson Publishing. Founded in 1945 by John H. Johnson, it still maintains the highest global circulation of any African American-focused magazine.

Ebony May 31 2020 EBONY is the flagship magazine of Johnson Publishing. Founded in 1945 by John H. Johnson, it still maintains the highest global circulation of any African American-focused magazine.

**AAMA Specifications Form - Passenger Car; Chevrolet Monte Carlo. 1997** Aug 14 2021

**Motor auto engine tune up & electronics manual** Nov 05 2020

**Advances in Data Analysis** Jan 07 2021 This unified volume is a collection of invited chapters presenting recent developments in the field of data analysis, with applications to reliability and inference, data mining, bioinformatics, lifetime data, and neural networks. The book is a useful reference for graduate students, researchers, and practitioners in statistics, mathematics, engineering, economics, social science, bioengineering, and bioscience.

**Challenges for Radiation Transport Modelling: Monte Carlo and Beyond** Sep 27 2022

**Chevelle Restoration and Authenticity Guide 1970-1972** Jun 19 2019 The high-water mark of the muscle car era is usually credited as 1970, and for good reason; Chevrolet was now stuffing high-powered 454 engines into Chevelles. Adding a larger displacement above the still-available 396 (402) offered buyers the option to order the most powerful production car of that era. The 1970-1972 Chevelles remain the most collectible of the model to this day. Author and historian Dale McIntosh pairs with restoration expert Rick Nelson to provide this bible of authenticity on the legendary 1970, 1971, and 1972 Chevelle models. Everything about restoring your Chevelle back to bone-stock is covered meticulously, including step-by-step instructions for chassis and interior restoration. Understanding date variances on parts applicable to the build date of your Chevelle is vital to a factory-correct restoration, and including them in this book provides a depth of coverage on these cars that is unequalled. Restoring a 1970-1972 Chevelle back to concours correct takes a certain amount of expertise. Thankfully, Rick and Dale have done a lot of the heavy lifting on the research side. With this authenticity guide, you can be confident that you have all the correct components and options accurately and expertly represented for

your stock restoration. These fine details put the Chevelle Restoration and Authenticity Guide 1970-1972 a cut above the rest.

**XVA** Mar 21 2022 Thorough, accessible coverage of the key issues in XVA - Credit, Funding and Capital Valuation Adjustments provides specialists and non-specialists alike with an up-to-date and comprehensive treatment of Credit, Debit, Funding, Capital and Margin Valuation Adjustment (CVA, DVA, FVA, KVA and MVA), including modelling frameworks as well as broader IT engineering challenges. Written by an industry expert, this book navigates you through the complexities of XVA, discussing in detail the very latest developments in valuation adjustments including the impact of regulatory capital and margin requirements arising from CCPs and bilateral initial margin. The book presents a unified approach to modelling valuation adjustments including credit risk, funding and regulatory effects. The practical implementation of XVA models using Monte Carlo techniques is also central to the book. You'll also find thorough coverage of how XVA sensitivities can be accurately measured, the technological challenges presented by XVA, the use of grid computing on CPU and GPU platforms, the management of data, and how the regulatory framework introduced under Basel III presents massive implications for the finance industry. Explores how XVA models have developed in the aftermath of the credit crisis. The only text to focus on the XVA adjustments rather than the broader topic of counterparty risk. Covers regulatory change since the credit crisis including Basel III and the impact regulation has had on the pricing of derivatives. Covers the very latest valuation adjustments, KVA and MVA. The author is a regular speaker and trainer at industry events, including WBS training, Marcus Evans, ICBI, Infoline and RISK. If you're a quantitative analyst, trader, banking manager, risk manager, finance and audit professional, academic or student looking to expand your knowledge of XVA, this book has you covered.

**Statistical Rethinking** Nov 24 2019 Statistical Rethinking: A Bayesian Course with Examples in R and Stan builds your knowledge of and confidence in making inferences from data. Reflecting the need for scripting in today's model-based statistics, the book pushes you to perform step-by-step calculations that are usually automated. This unique computational approach ensures that you understand enough of the details to make reasonable choices and interpretations in your own modeling work. The text presents causal inference and generalized linear multilevel models from a simple Bayesian perspective that builds on information theory and maximum entropy. The core material ranges from the basics of regression to advanced multilevel models. It also presents measurement error, missing data, and Gaussian process models for spatial and phylogenetic confounding. The second edition emphasizes the directed acyclic graph (DAG) approach to causal inference, integrating DAGs into many examples. The new edition also contains new material on the design of prior distributions, splines, ordered categorical predictors, social relations models, cross-validation, importance sampling, instrumental variables, and Hamiltonian Monte Carlo. It ends with an entirely new chapter that goes beyond generalized linear modeling, showing how domain-specific scientific models can be built into statistical analyses. Features Integrates working code into the main text. Illustrates concepts through worked data analysis examples. Emphasizes understanding assumptions and how assumptions are reflected in code. Offers more detailed explanations of the mathematics in optional sections. Presents examples of using the dagitty R package to analyze causal graphs. Provides the rethinking R package on the author's website and on GitHub.

**Popular Science** Aug 02 2020 Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

**Applied Nuclear Physics at Accelerators** Aug 22 2019

**Extreme Environment Electronics** Feb 26 2020 Unfriendly to conventional electronic devices, circuits, and systems, extreme environments represent a serious challenge to designers and mission architects. The first truly comprehensive guide to this specialized field, Extreme Environment

Electronics explains the essential aspects of designing and using devices, circuits, and electronic systems intended to operate in extreme environments, including across wide temperature ranges and in radiation-intense scenarios such as space. The Definitive Guide to Extreme Environment Electronics Featuring contributions by some of the world's foremost experts in extreme environment electronics, the book provides in-depth information on a wide array of topics. It begins by describing the extreme conditions and then delves into a description of suitable semiconductor technologies and the modeling of devices within those technologies. It also discusses reliability issues and failure mechanisms that readers need to be aware of, as well as best practices for the design of these electronics. Continuing beyond just the "paper design" of building blocks, the book rounds out coverage of the design realization process with verification techniques and chapters on electronic packaging for extreme environments. The final set of chapters describes actual chip-level designs for applications in energy and space exploration. Requiring only a basic background in electronics, the book combines theoretical and practical aspects in each self-contained chapter. Appendices supply additional background material. With its broad coverage and depth, and the expertise of the contributing authors, this is an invaluable reference for engineers, scientists, and technical managers, as well as researchers and graduate students. A hands-on resource, it explores what is required to successfully operate electronics in the most demanding conditions.

*Popular Mechanics* Oct 24 2019 Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it's practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.

*Chevy Big-Block Engine Parts Interchange* Jan 19 2022 The venerable Chevy big-block engines have proven themselves for more than half a century as the power plant of choice for incredible performance on the street and strip. They were innovators and dominators of the muscle car wars of the 1960s and featured a versatile design architecture that made them perfect for both cars and trucks alike. Throughout their impressive production run, the Chevy big-block engines underwent many generations of updates and improvements. Understanding which parts are compatible and work best for your specific project is fundamental to a successful and satisfying Chevy big-block engine build. In *Chevy Big-Block Engine Parts Interchange*, hundreds of factory part numbers, RPOs, and detailed color photos covering all generations of the Chevy big-block engine are included. Every component is detailed, from crankshafts and rods to cylinder heads and intakes. You'll learn what works, what doesn't, and how to swap components among different engine displacements and generations. This handy and informative reference manual lets you create entirely unique Chevy big-block engines with strokes, bores, and power outputs never seen in factory configurations. Also included is real-world expert guidance on aftermarket performance parts and even turnkey crate motors. It's a comprehensive guide for your period-correct restoration or performance build. John Baechtel brings his accumulated knowledge and experience of more than 34 years of high-performance engine and vehicle testing to this book. He details Chevy big-block engines and their various components like never before with definitive answers to tough interchange questions and clear instructions for tracking down rare parts. You will constantly reference the *Chevy Big-Block Parts Interchange* on excursions to scrap yards and swap meets, and certainly while building your own Chevy big-block engine.

**Retirement Income Redesigned** Apr 10 2021 Clients nearing retirement have some significant challenges to face. And so do their advisers. They can expect to live far longer after they retire. And the problems they expect their advisers to solve are far more complex. The traditional sources of retirement income may be shriveling, but boomers don't intend to downsize their plans. Instead, they're redefining what it means to be retired—as well as what they require of financial advisers. Planners who aren't prepared will be left behind. Those who are will step up to some lucrative and challenging work. To help get the work done, Harold Evensky and Deena Katz—both veteran problem solvers—have tapped the talents of a range of

experts whose breakthrough thinking offers solutions to even the thorniest issues in retirement-income planning: Sustainable withdrawals Longevity risk Eliminating luck as a factor in planning Immediate annuities, reverse mortgages, and viatical and life settlements Strategies for increasing retirement cash flow In Retirement Income Redesigned, the most-respected names in the industry discuss these issues and a range of others.

**Engine Exhaust Particulates** Dec 06 2020 This book provides a comparative analysis of both diesel and gasoline engine particulates, and also of the emissions resulting from the use of alternative fuels. Written by respected experts, it offers comprehensive insights into motor vehicle particulates, their formation, composition, location, measurement, characterisation and toxicology. It also addresses exhaust-gas treatment and legal, measurement-related and technological advancements concerning emissions. The book will serve as a valuable resource for academic researchers and professional automotive engineers alike.

**Computational Science - ICCS 2006** Sep 03 2020 This is Volume III of the four-volume set LNCS 3991-3994 constituting the refereed proceedings of the 6th International Conference on Computational Science, ICCS 2006. The 98 revised full papers and 29 revised poster papers of the main track presented together with 500 accepted workshop papers were carefully reviewed and selected for inclusion in the four volumes. The coverage spans the whole range of computational science.

Popular Mechanics Jan 27 2020 Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it's practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.

**Chevy SS** Mar 09 2021 DIV On the 1957 auto show circuit, Chevrolet unveiled a show car based on its Corvette and dubbed it the "Super Sport." The performance car world took one look and never looked back. A combination of styling and performance upgrades, the SS package could turn something as mundane as a six-cylinder Malibu into the fire-breathing Chevelle SS396. This book traces the long line of legendary SS models, from Chevy's Super Sport version of its popular Impala, which marked the dawn of the muscle car era, to today's Impala SS. Featuring the work of acclaimed photo ace David Newhardt, Chevy SS: The Super Sport Story provides a close-up, detailed, full-color look at such classic muscle cars as the Chevelle, the El Camino, the Malibu, and the Monte Carlo as well as today's hot Camaro SS. The book is a fittingly elegant celebration of the cars that redefined "high performance" and defined an era./div

*Federal Register* Jul 13 2021

**Diesel Engine System Design** Feb 20 2022 Diesel Engine System Design links everything diesel engineers need to know about engine performance and system design in order for them to master all the essential topics quickly and to solve practical design problems. Based on the author's unique experience in the field, it enables engineers to come up with an appropriate specification at an early stage in the product development cycle. Links everything diesel engineers need to know about engine performance and system design featuring essential topics and techniques to solve practical design problems Focuses on engine performance and system integration including important approaches for modelling and analysis Explores fundamental concepts and generic techniques in diesel engine system design incorporating durability, reliability and optimization theories

The Concepts and Practice of Mathematical Finance Oct 16 2021 Professional text/reference on mathematical finance.

**Those 80s Cars - GM** Jul 01 2020 Paperback: Those 80s Cars is dedicated to enthusiasts of the manufacturers of American owned and branded franchises. These often overlooked cars are now entering classic and collectible status. This is your resource guide of exterior and interior color views with hundreds of images (front, back, profiles, interiors, dashes, seats and a few cut-a-ways), and quotes and specs from the brochures. Includes cars from 1980-1989 from these manufacturers: Buick, Cadillac, Chevrolet & Geo, Oldsmobile, and Pontiac.

Chevrolet Parts Interchange Manual, 1959-1970 Jun 24 2022 Swapping or interchanging parts is a time-honored practice, and this book is the source for Chevrolet parts interchanges.

**Monte Carlo Frameworks** Oct 28 2022 This is one of the first books that describe all the steps that are needed in order to analyze, design and implement Monte Carlo applications. It discusses the financial theory as well as the mathematical and numerical background that is needed to write flexible and efficient C++ code using state-of-the art design and system patterns, object-oriented and generic programming models in combination with standard libraries and tools. Includes a CD containing the source code for all examples. It is strongly advised that you experiment with the code by compiling it and extending it to suit your needs. Support is offered via a user forum on [www.datasimfinancial.com](http://www.datasimfinancial.com) where you can post queries and communicate with other purchasers of the book. This book is for those professionals who design and develop models in computational finance. This book assumes that you have a working knowledge of C ++.

**Practical Quantitative Finance with ASP.NET Core and Angular** Mar 29 2020 This book provides comprehensive details of developing ultra-modern, responsive single-page applications (SPA) for quantitative finance using ASP.NET Core and Angular. It pays special attention to create distributed web SPA applications and reusable libraries that can be directly used to solve real-world problems in quantitative finance. The book contains: Overview of ASP.NET Core and Angular, which is necessary to create SPA for quantitative finance. Step-by-step approaches to create a variety of Angular compatible real-time stock charts and technical indicators using ECharts and TA-Lib. Introduction to access market data from online data sources using .NET Web API and Angular service, including EOD, intraday, real-time stock quotes, interest rates. Detailed procedures to price equity options and fixed-income instruments using QuantLib, including European/American/Barrier/Bermudan options, bonds, CDS, as well as related topics such as cash flows, term structures, yield curves, discount factors, and zero-coupon bonds. Detailed explanation to linear analysis and machine learning in finance, which covers linear regression, PCA, KNN, SVM, and neural networks. In-depth descriptions of trading strategy development and back-testing for crossover and z-score based trading signals.

*AAMA Specifications Form - Passenger Car; Chevrolet Monte Carlo. 1996* Apr 29 2020

**Quantitative Analysis in Financial Markets** Apr 22 2022 This book contains lectures delivered at the celebrated Seminar in Mathematical Finance at the Courant Institute. The lecturers and presenters of papers are prominent researchers and practitioners in the field of quantitative financial modeling. Most are faculty members at leading universities or Wall Street practitioners. The lectures deal with the emerging science of pricing and hedging derivative securities and, more generally, managing financial risk. Specific articles concern topics such as option theory, dynamic hedging, interest-rate modeling, portfolio theory, price forecasting using statistical methods, etc. Contents: Estimation and Data-Driven Models: Transition Densities for Interest Rate and Other Nonlinear Diffusions (Y Ait-Sahalia) Hidden Markov Experts (A Weigend & S-M Shi) When is Time Continuous? (A Lo et al.) Asset Prices are Brownian Motion: Only in Business Time (H Geman et al.) Hedging Under Stochastic Volatility (K Ronnie Sircar) Model Calibration and Volatility Smile: Determining Volatility Surfaces and Option Values from an Implied Volatility Smile (P Carr & D Madan) Reconstructing the Unknown Local Volatility Function (T Coleman et al.) Building a Consistent Pricing Model from Observed Option Prices (J-P Laurent & D Leisen) Weighted Monte Carlo: A New Technique for Calibrating Asset-Pricing Models (M Avellaneda et al.) Pricing and Risk Management: One- and Multi-Factor Valuation of Mortgages: Computational Problems and Shortcuts (A Levin) Simulating Bermudan Interest-Rate Derivatives (P Carr & G Yang) How to Use Self-Similarities to Discover Similarities of Path-Dependent Options (A Lipton) Monte Carlo Within a Day (J Cárdenas et al.) Decomposition and Search Techniques in Disjunctive Programs for Portfolio Selection (K Wyatt) Readership: Students and researchers in economics, finance and applied mathematics. Keywords:

Propulsion and Power May 23 2022 The book is written for engineers and students who wish to address the preliminary design of gas turbine engines, as well as the associated performance calculations, in a practical manner. A basic knowledge of thermodynamics and turbomachinery is a prerequisite for understanding the concepts and ideas described. The book is also intended for teachers as a source of information for lecture materials and exercises for their students. It is extensively illustrated with examples and data from real engine cycles, all of which can be reproduced with GasTurb (TM). It discusses the practical application of thermodynamic, aerodynamic and mechanical principles. The authors describe the theoretical background of the simulation elements and the relevant correlations through which they are applied, however they refrain from detailed scientific derivations.