Crisis and Restructuring in East Asia- S. Jeong 2004-07-20 This book critiques the widespread view that the 1997 Asian crisis was due to 'crony capitalism' and puts the blame instead on misguided liberalization. It analyzes the case of Korea's business conglomerates, the chaebol, with particular attention to the car industry, to show how liberalization contributed to the crisis even at the level of the firm. It shows how those firms that had developed innovative capabilities survived the crisis much better than those that had merely expanded into markets opened up by liberalization.

High-Performance Computing in Finance-M. A. H. Dempster 2018-02-21 High-Performance Computing (HPC) delivers higher computational performance to solve problems in science, engineering and finance. There are various HPC resources available for different needs, ranging from cloud computing- that can be used without much expertise and expense - to more tailored hardware, such as Field-Programmable Gate Arrays (FPGAs) or D-Wave's quantum computer systems. High-Performance Computing in Finance is the first book that provides a state-of-the-art introduction to HPC for finance, capturing both academically and practically relevant problems.

Detecting Regime Change in Computational Finance-Jun Chen 2020-09-14 Based on interdisciplinary research into "Directional Change", a new data-driven approach to financial data analysis, Detecting Regime Change in Computational Finance: Data Science, Machine Learning and Algorithmic Trading applies machine learning to financial market monitoring and algorithmic trading. Directional Change is a new way of summarising price changes in the market. Instead of sampling prices at fixed intervals (such as daily closing in time series), it samples prices when the market changes direction ("zigzags"). By sampling data in a different way, this book lays out concepts which enable the extraction of information that other market participants may not be able to see. The book includes a Foreword by Richard Olsen and explores the following topics: Data science: as an alternative to time series, price movements in a market can be summarised as directional changes Machine learning for regime change detection: historical regime changes in a market can be discovered by a Hidden Markov Model Regime characterisation: normal and abnormal regimes in historical data can be characterised using indicators defined under Directional Change Market Monitoring: by using historical characteristics of normal and abnormal regimes, one can monitor the market to detect whether the market regime has changed Algorithmic trading: regime tracking information can help us to design trading algorithms It will be of great interest to researchers in computational finance, machine learning and data science. About the Authors Jun Chen received his PhD in computational finance from the Centre for Computational Finance and Economic Agents, University of Essex in 2019. Edward P K Tsang is an Emeritus Professor at the University of Essex, where he co-founded the Centre for Computational Finance and Economic Agents in 2002.

GPU Pro 360 Guide to 3D Engine Design-Wolfgang Engel 2018-12-07 Wolfgang Engel's GPU Pro 360 Guide to 3D Engine Design gathers all the cutting-edge information from his previous seven GPU Pro volumes into a convenient single source anthology that covers the design of a 3D engine. This volume is complete with articles by leading programmers that focus on various aspects of 3D engine design such as quality and optimization as well as high-level architecture. GPU Pro 360 Guide to 3D Engine Design is comprised of ready-to-use ideas and efficient procedures that can help solve many computer graphics programming challenges that may arise. Key Features: Presents tips & tricks on real-time rendering of special effects and visualization data on common consumer software platforms such as PCs, video consoles, mobile devices Covers specific challenges involved in creating games on various platforms Explores the latest developments in rapidly evolving field of real-time rendering Takes practical approach that helps graphics programmers solve their daily challenges.

Proof of Concept and Test Validation of a 25 Kilowatt Dual Shell Stirling Engine- 2009

Ultra-low Emissions 12 Liter Heavy Duty Natural Gas Engine Development-Gas Technology Institute 2012

Hot Bulb Oil Engines and Suitable Vessels-Walter Pollock 1919

Marine Engineering/Log International- 1978

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Aviation Week- 1953

The Analytical Engine- 1995

Vehicular Engine Design-Kevin Hoag 2007-02-05 The mechanical engineering curriculum in most universities includes at least one elective course on the subject of reciprocating piston engines. The majority of these courses today emphasize the application of thermodynamics to engine efficiency, performance, combustion, and emissions. There are several very good textbooks that support education in these aspects of engine development. However, in most companies engaged in engine development there are far more engineers working in the areas of design and mechanical development. University studies should include opportunities that prepare engineers desiring to work in these aspects of engine development as well. My colleagues and I have undertaken the development of a series of graduate courses in engine design and mechanical development. In doing so it becomes quickly apparent that no suitable textbook exists in support of such courses. This book was written in the hopes of beginning to address the need for an engineering-based introductory text in engine design and mechanical development. It is of necessity an overview. Its focus is limited to reciprocating-piston internal-combustion engines - both diesel and spark-ignition engines. Emphasis is specified only on automobile engines, although much of the discussion applies to larger and smaller engines as well. A further intent of this book is to provide a concise reference volume on engine design and mechanical development processes for engineers serving the engine industry. It is intended to provide basic information and most of the chapters include recent references to guide more in-depth study.

The Oil Engine and Gas Turbine- 1954

Machine Design- 1971

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