

## Expert Advisor Mql5

Learn to build configuration file readers, data readers, model-driven code generators, source-to-source translators, source analyzers, and interpreters. You don't need a background in computer science--ANTLR creator Terence Parr demystifies language implementation by breaking it down into the most common design patterns. Pattern by pattern, you'll learn the key skills you need to implement your own computer languages. Knowing how to create domain-specific languages (DSLs) can give you a huge productivity boost. Instead of writing code in a general-purpose programming language, you can first build a custom language tailored to make you efficient in a particular domain. The key is understanding the common patterns found across language implementations. Language Design Patterns identifies and condenses the most common design patterns, providing sample implementations of each. The pattern implementations use Java, but the patterns themselves are completely general. Some of the implementations use the well-known ANTLR parser generator, so readers will find this book an excellent source of ANTLR examples as well. But this book will benefit anyone interested in implementing languages, regardless of their tool of choice. Other language implementation books focus on compilers, which you rarely need in your daily life. Instead, Language Design Patterns shows you patterns you can use for all kinds of language applications. You'll learn to create configuration file readers, data readers, model-driven code generators, source-to-source translators, source analyzers, and interpreters. Each chapter groups related design patterns and, in each pattern, you'll get hands-on experience by building a complete sample implementation. By the time you finish the book, you'll know how to solve most common language implementation problems.

A newly expanded and updated edition of the trading classic, Design, Testing, and Optimization of Trading Systems Trading systems expert Robert Pardo is back, and in The Evaluation and Optimization of Trading Strategies, a thoroughly revised and updated edition of his classic text Design, Testing, and Optimization of Trading Systems, he reveals how he has perfected the programming and testing of trading systems using a successful battery of his own time-proven techniques. With this book, Pardo delivers important information to readers, from the design of workable trading strategies to measuring issues like profit and risk. Written in a straightforward and accessible style, this detailed guide presents traders with a way to develop and verify their trading strategy no matter what form they are currently using—stochastics, moving averages, chart patterns, RSI, or breakout methods. Whether a trader is seeking to enhance their profit or just getting started in testing, The Evaluation and Optimization of Trading Strategies offers practical instruction and expert advice on the development, evaluation, and application of winning mechanical trading systems. This is the new edition of the definitive textbook on data visualization. There's added material on fake news and social media disinformation, misinterpretation of metadata, and the uses and abuses of Big Data. If you're using a computer to generate charts for meetings and reports, you don't have to be taught how to lie - you're already doing it. You probably don't know your charts are unreliable, and neither does your audience. So you're getting away with it - until a manager or a sales prospect or an investor makes a bad decision based on the information that you were so helpful to provide. The main focus of How to Lie with Charts is on the principles of persuasive - and undistorted - visual communication. It's about careful thinking and clear expression. So don't blame the computers. People are running the show.

Clear, concise, and practical, The Trading Game shows you how to harness the power of money management for any trading method "The goal of most futures traders is to make a million dollars as fast and as painlessly as possible. Unfortunately, few traders achieve this goal. In The Trading Game, Ryan Jones demonstrates how the proper application of his new money management strategy, Fixed Ratio Trading, can enable an average trading system to earn spectacular profits. My advice? Don't trade until you've spent as much time and effort on money management as you've spent on developing your entry and exit rules." -Tom Bierovic, Manager System Trading & Development Education, Omega Research, Inc. "Ryan Jones is on the cutting edge of the most important element in the art of speculation-be it stocks or commodities-money management." -Larry Williams, trader and author Long-Term Secrets to Short-Term Trading "Money management is the most overlooked part of trading but is the key to building enormous wealth. Ryan Jones first overviews classical methods and then discusses a new paradigm which, combined with a reliable trading method, can lead to financial security." -Murray Ruggiero, President Ruggiero & Associates; contributing editor, Futures magazine "At last-a money management book that is not intimidating or boring. Ryan Jones has made a complex subject easier to understand and follow. I am especially excited for all independent traders." -Glen Ring, President, Glen Ring Enterprises editor of the widely respected View on Futures newsletter "Ryan Jones has always been one of the most innovative traders and creative minds in the industry. With the writing of The Trading Game: Playing by the Numbers to Make Millions, he has taken the science of money management and risk control to another level. I wholeheartedly endorse his efforts and recommend this new work required reading to anyone either just entering the trading arena, or already participating in it." -Ted Tesser, CPA and author, The Trader's Tax Survival Guide

Expert Advisor Programming for MetaTrader 4 Creating Automated Trading Systems in the MQL4 Language 'Heikin-Ashi' is a practical guide which reveals and explains this revolutionary, simple, and pragmatic technique to anyone from the novice to the seasoned trader and investor. The book shows how this Japanese technique is used to identify and anticipate market moves, complementing existing trading strategies.

"Trading Systems" offers an insight into what a trader should know and do in order to achieve success on the markets. Your plain-English guide to currency trading Currency Trading For Dummies is a hands-on, user-friendly guide that explains how the foreign exchange (Forex) market works and how you can become a part of it. Currency trading has many benefits, but it also has fast-changing financial-trading avenues. Forex markets are always moving. So how do you keep up? With this new edition of Currency Trading For Dummies, you'll get the expert guidance you've come to know and expect from the trusted For Dummies brand—now updated with the latest information on the topic. Inside, you'll find

an easy-to-follow introduction to the global/ForEx market that explains its size, scope, and players; a look at the major economic drivers that influence currency values; and the lowdown on how to interpret data and events like a pro. Plus, you'll discover different types of trading styles and make a concrete strategy and game plan before you act on anything. Covers currency trading conventions and tools Provides an insider's look at key characteristics of successful currency traders Explains why it's important to be organized and prepared Offers guidance on trading pitfalls to avoid and risk management rules to live by Whether you're just getting started out in the foreign exchange market or an experienced trader looking to diversify your portfolio, *Currency Trading For Dummies* sets you up for trading success.

Development of indicators and advisors using the MQL5 programming language for the platform MetaTrader 5

Discover how to maximize the effectiveness of your trading techniques by applying the right money management techniques Money management is a central element of trading the financial markets, especially in uncertain times. Yet investors often misinterpret the central concepts of money management. To manage risk and obtain optimal rewards from your trades, you will benefit from a deeper understanding of how the professionals manage money. The *Successful Trader's Guide to Money Management* describes the operating methods that seasoned investors use. With this book, you'll avoid the common mistake of focusing too much on entry levels and stop-losses, and you'll learn to consider the impact of proper money management on your final portfolio results. Successful traders focus on risk management, avoiding opening positions that are too large with respect to the total capital they have available. Packed with practical examples and with special focus on money management or position-sizing, *The Successful Trader's Guide to Money Management* offers a comprehensive coverage of widely practiced risk management models, examining their strengths and weaknesses. You will learn how to use the most effective operating models, including the Fixed Fractional, Fixed Ratio, and Percent Volatility models. This book also provides a thorough analysis of portfolio management models. These essential tips will nudge you toward a more winning position as you enter your next trades.

Learn how the professionals manage money and avoid common trading mistakes Design a trading system that minimizes risk and maximizes reward through correct position sizing Understand the most important money and portfolio management models, including Fixed Ratio, Percent Volatility, Fixed Fractional, and more Equip yourself to trade smarter, individually or with a broker, on equity, derivatives and Forex markets For individual and institutional investors alike, this book is a ticket to more solid trading strategy, especially in uncertain times.

The first guide to programming in MQL5 is here! *Expert Advisor Programming for MetaTrader 5* is a practical guide to creating automated trading strategies in the MQL5 language. Take advantage of MetaTrader 5's new features and take your trading to the next level! You'll learn how to program expert advisors quickly and easily using a ready-made framework created by an experienced MQL programmer.

Use ACI fabrics to drive unprecedented value from your data center environment With the Cisco Application Centric Infrastructure (ACI) software-defined networking platform, you can achieve dramatic improvements in data center performance, redundancy, security, visibility, efficiency, and agility. In *Deploying ACI*, three leading Cisco experts introduce this breakthrough platform, and walk network professionals through all facets of design, deployment, and operation. The authors demonstrate how ACI changes data center networking, security, and management; and offer multiple field-proven configurations. *Deploying ACI* is organized to follow the key decision points associated with implementing data center network fabrics. After a practical introduction to ACI concepts and design, the authors show how to bring your fabric online, integrate virtualization and external connections, and efficiently manage your ACI network. You'll master new techniques for improving visibility, control, and availability; managing multitenancy; and seamlessly inserting service devices into application data flows. The authors conclude with expert advice for troubleshooting and automation, helping you deliver data center services with unprecedented efficiency. Understand the problems ACI solves, and how it solves them Design your ACI fabric, build it, and interface with devices to bring it to life Integrate virtualization technologies with your ACI fabric Perform networking within an ACI fabric (and understand how ACI changes data center networking) Connect external networks and devices at Layer 2/Layer 3 levels Coherently manage unified ACI networks with tenants and application policies Migrate to granular policies based on applications and their functions Establish multitenancy, and evolve networking, security, and services to support it Integrate L4–7 services: device types, design scenarios, and implementation Use multisite designs to meet rigorous requirements for redundancy and business continuity Troubleshoot and monitor ACI fabrics Improve operational efficiency through automation and programmability

Praise for *THE NEW MARKET WIZARDS* "Jack Schwager simply writes the best books about trading I've ever read. These interviews always give me a lot to think about. If you like learning about traders and trading, you'll find that reading this book is time well spent." -Richard Dennis, President, The Dennis Trading Group, Inc. "Jack Schwager's deep knowledge of the markets and his extensive network of personal contacts throughout the industry have set him apart as the definitive market chronicler of our age." -Ed Seykota "Very interesting indeed!"

-John Train, author of *The Money Masters* "Successful trading demands longtime experience because it requires firsthand knowledge. If there is a shortcut to this requirement, however, it is in reading about the experiences of others. Jack Schwager's book provides that shortcut. If you find yourself sweating upon occasion as you read, then you're as close to the trading experience as you can get without actually doing it yourself." -Robert R. Prechter, Jr., editor, *The Elliott Wave Theorist*

*THE NEW MARKET WIZARDS* Some traders distinguish themselves from the herd. These supertraders make millions of dollars-sometimes in hours-and consistently outperform their peers. As he did in his acclaimed national bestseller, *Market Wizards*, Jack Schwager interviews a host of these supertraders, spectacular winners whose success occurs across a spectrum of financial markets. These traders use different methods, but they all share an edge. How do they do it? What separates them from the others? What can they teach the average trader or investor? In *The New Market Wizards*, these wildly successful traders relate the financial strategies that have rocketed them to success, as well as the embarrassing losses that have proven them all too human. Meet the Wizards of Wall Street: \* Stan Druckenmiller, who, as manager of the Soros Quantum Fund, realized an average annual return of more than 38 percent on assets ranging between \$2.0 and \$3.5 billion \* William Eckhardt, a mathematician who, in collaboration with trader Richard Dennis, selected and trained the now-legendary circle known as the Turtles \* Bill Lipschutz, a former architect who, for eight years, was Salomon Brothers' largest and most successful currency trader \* Blair Hull, a one-time blackjack player who began an options trading company with Asking the questions that readers with an interest in the financial markets would love to pose to the financial superstars, and filled with candid appraisals, *The New Market Wizards* takes its place as a classic.

Brand new and fully updated for the latest versions of MetaTrader 4, "*Expert Advisor Programming for MetaTrader 4*" is a practical guide to programming expert advisors in the MQL4 language. Leverage the latest features imported from the MQL5 language, including object-oriented programming, enumerations, structures and more. This book will teach you the following concepts: The basics of the MQL4 language, including variables and data types, operations, conditional and loop operators, functions, classes and objects, event handlers and more. Place, modify and close market and pending orders. Add a stop loss and/or take profit price to an individual order, or to multiple orders. Close orders individually or by order type. Get a total of all currently opened orders. Work with OHLC bar data, and locate basic candlestick patterns. Find the highest high and lowest low of recent bars. Work with MetaTrader's built-in indicators, as well as custom indicators. Add a trailing stop or break even stop feature to an expert advisor. Use money management and lot size verification techniques. Add a flexible trading timer to an expert advisor. Construct several types of trading systems, including trend, counter-trend and breakout systems. Add alerts, emails, sounds and other notifications. Add and manipulate chart objects. Read and write to CSV files. Construct basic indicators, scripts and libraries. Learn how to effectively debug your programs, and use the Strategy Tester to test your strategies. All of the source code

in this book is available for download, including an expert advisor framework that allows you to build robust and fully-featured expert advisors with minimal effort. Whether you're a new trader with limited programming experience, or an experienced programmer who has worked in other languages, "Expert Advisor Programming for MetaTrader 4" is the easiest way to get up and running in MQL4.

The ST Patterns Trading Manual will provide a detailed hourly technical analysis using EUR/USD pairs for May 2017. Calculations of the results are performed based on the actual results without rounding off. The strategy shows a good technical result for the EUR/USD pair in May--equal to about 300% of the initial deposit. The study of the GBP/USD pair will help readers understand the importance of determining periods of market uncertainty in a timely fashion. To demonstrate the flexibility of the strategy settings and the formation of short-term uncertainty periods, the EUR/USD pair is shown on five-minute charts in one working day on May 31. For nine hours of work, the result was approximately + 82% of the initial deposit. The month following the first book's «Trading Code is Open: ST Patterns of the Forex and Futures Exchanges» publication perfectly demonstrated the possibilities of using the trading system and showed how almost half of the ST Patterns published in this book operate in practice. The analysis, based on accurate calculations, will help traders consolidate the acquired knowledge, and to increase their own skills with Structural Target Patterns. Over the 18 years I have spent researching dozens of well-known, as well as not so famous, trading systems, I have not found any that could demonstrate anything near the results obtained by the ST Patterns trading method during this arbitrarily chosen time interval. The trading of the EUR/USD currency pair is given as the main example in this book. But the algorithm for this trading, detailed in this book, is also applicable to other currency pairs. The ST Trading Strategy is also profitable in the Futures, Indices, Commodities and other liquid markets. Millions of traders are trying to find an effective technical method for analyzing the movement of exchange charts. Now it has arrived! Note: This book (ISBN: 1719837996). is with a color interior. You can also buy a book (ISBN: 171986005X) with black & white interior.

A technical resource for self-directed traders who want to understand the scientific underpinnings of the filters and indicators used in trading decisions This is a technical resource book written for self-directed traders who want to understand the scientific underpinnings of the filters and indicators they use in their trading decisions. There is plenty of theory and years of research behind the unique solutions provided in this book, but the emphasis is on simplicity rather than mathematical purity. In particular, the solutions use a pragmatic approach to attain effective trading results. Cycle Analytics for Traders will allow traders to think of their indicators and trading strategies in the frequency domain as well as their motions in the time domain. This new viewpoint will enable them to select the most efficient filter lengths for the job at hand. Shows an awareness of Spectral Dilation, and how to eliminate it or to use it to your advantage Discusses how to use Automatic Gain Control (AGC) to normalize indicator amplitude swings Explains thinking of prices in the frequency domain as well as in the time domain Creates an awareness that all indicators are statistical rather than absolute, as implied by their single line displays Sheds light on several advanced cookbook filters Showcases new advanced indicators like the Even Better Sinewave and Decycler Indicators Explains how to use transforms to improve the display and interpretation of indicators

All You'll Ever Need to Trade from Home When most people hear the term "day trader," they imagine the stock market floor packed with people yelling 'Buy' and 'Sell' - or someone who went for broke and ended up just that. These days, investing isn't just for the brilliant or the desperate—it's a smart and necessary move to ensure financial wellbeing. To the newcomer, day trading can be a confusing process: where do you begin, and how can you approach trading in a careful yet effective way? With Day Trading you'll get the basics, then: • Learn the Truth About Trading • Understand The Psychology of Trading • Master Charting and Pattern-recognition • Study Trading Options • Establish Trading Strategies & Money Management Day Trading will let you make the most out of the free market from the comfort of your own computer.

Cutting-edge insight from the leader in trading technology In Cybernetic Analysis for Stocks and Futures, noted technical analyst John Ehlers continues to enlighten readers on the art of predicting the market based on tested systems. With application of his engineering expertise, Ehlers explains the latest, most advanced techniques that help traders predict stock and futures markets with surgical precision. Unique new indicators and automatic trading systems are described in text as well as Easy Language and EFS code. The approaches are universal and robust enough to be applied to a full range of market conditions. John F. Ehlers (Santa Barbara, CA) is President of MESA Software ([www.mesasoftware.com](http://www.mesasoftware.com)) and has also written Rocket Science for Traders (0-471-40567-1) as well as numerous articles for Futures and Technical Analysis of Stocks & Commodities magazines.

This high-quality reissue of The Taylor Trading Technique contains the same time-honored information it did when it was first published in 1950. Taylor's "Book Method" of trading is based on his insights about the repetition of grain market cycles but applies to the financial futures market and others as well. By identifying moves in the market that might fool less-savvy traders into buying or selling at the wrong time, Taylor's system protects against pitfalls while giving you an edge over other traders. Taylor breaks down market movements into three-day cycles comprising a Buy Day, a Sell Day, and a Sell Short Day. These classifications are used to keep tabs on a market's rhythm and identify the ideal moments at which you should enter and exit. This book will help you understand the ways the market fluctuates and develops, so you can create and apply a plan for how best to trade in it. Combined with a bit of practice and a willingness to learn and experiment, The Taylor Trading Technique will arm you with a strong system for swing trading in financial futures.

A powerful new way to navigate today's unprecedented market conditions "Bill Williams' pioneering application of chaos theory to the financial markets is leading technical analysis into the twenty-first century and beyond. New Trading Dimensions presents a complete, highly original, and intriguing trading method with clear, detailed illustrations, and challenging practice pages. Bill's wisdom, technical expertise, and skillful teaching style make this a revolutionary must-have new book for stock and commodity traders." -Tom Bierovic, Product Manager for User Education, Omega Research, Inc. "Bill hits the nail on the head. The essence of successful trading is a combination of knowing who you are and allowing the market to reveal its secrets. Bill Williams has the gift of explaining these concepts better than anyone I know. This is a compelling work that belongs in every trader's library."

-George Angell, author, Profitable Day-Trading with Precision "Bill Williams is one of the great educators of our time. He freely shares his knowledge and experience in this inexpensive book. This book is required reading for all market technicians. The principles are sound as we have tested them with our software." -John Hill, President, Futures Truth, Co. "Bill Williams has always been an excellent teacher, taking complex terms and concepts and translating them into a clear, commonsense approach to trading. This book provides a complete trading program that reflects Bill's years of wisdom and experience in the marketplace."

-Darrell Jobman, Editorial Consultant and former Editor-in-Chief of Futures magazine As today's market environment continues to change dramatically, more and more traders are discovering that traditional forecasting methods—pure technical analysis and fundamental analysis—just do not work. Sending out contradictory messages, these opposing schools of thought leave investors baffled about the future direction of the market, and consequently, at a loss as to how to tailor their trading systems. As a result, many practitioners have now turned to a new forecasting "cocktail" that combines traditional charting methodologies with chaos theory and human psychology. In this groundbreaking book, Bill Williams, a seasoned trader at the forefront of this dynamic new

approach, explains exactly what it is, how it works in current stock and commodity markets, and how to use it to your advantage. Based on human nature rather than the vagaries of the market, the new trading dimension works on the premise that we trade not the market, but our own belief system. By assessing what your personal biases are, you can determine how they influence your ultimate success-or failure-and then adjust your trading strategies accordingly. Written by an expert in the field who has been featured in Futures, Worth, Success, and other prominent publications, *New Trading Dimensions* takes the latest in scientific knowledge about human behavior and applies it directly to the fields of stock and commodity investing and trading. With straightforward guidelines, it shows you how to adopt the right attitude toward the behavior of the market and use the right tools (ATTITOOLES) for profitable trading. Packed with practice exercises, specific applications to different types of investments, and a detailed review of important market signals, here's where you'll learn how to:

- \* Discover what the market wants and align your own beliefs with the direction of the market
- \* Apply chaos theory to trading and investing
- \* Use Williams' "Market Alligator" for analyzing and profiting from the markets
- \* Employ a multidimensional trading program that includes such tools and techniques as fractals, oscillators, AC signals, psychological zones, and balance lines
- \* Exit trades in a timely fashion to reap high returns

Drawing on the author's more than forty years of experience as both a successful trader and seasoned trainer, this invaluable guide offers a breakthrough method that has proven its ability to turn investors into consistent winners.

The first guide to programming in MQL5 is here "*Expert Advisor Programming for MetaTrader 5*" is a practical guide to creating automated trading strategies in the MQL5 language. Take advantage of MetaTrader 5's new features and take your trading to the next level You'll learn how to program expert advisors quickly and easily using a ready-made framework created by an experienced MQL programmer. This book will teach you the following concepts: Learn the basics of MQL5, including variables and data types, operators, functions, event handlers, and object-oriented programming. Place, modify and close market and pending orders. Calculate, verify and add stop loss and take profit prices to an open position. Add a flexible trailing stop and/or break even stop to your strategy. Manage your trade risk with money management. Use pending orders to scale in and out of positions. Use price, time and indicator data in your expert advisors. Control program execution by trading on new bar open, and add flexible trade timers to your strategies. Walk through the creation of several basic trading strategies from start to finish. Inform the user with dialog boxes, email alerts, mobile notifications and sounds. Draw trend lines, arrows and text labels on the chart. Read and write data to CSV files. Learn the basics of creating indicators, scripts and libraries in MetaEditor. Debug, test and optimize your trading strategy. And much more Whether you're an experienced programmer moving from MQL4, or a novice just starting with MQL5, this book will give you the foundation to quickly program fully-featured and robust trading systems. All programs and source code files featured in the book are available for download at the book's official website at <http://www.expertadvisorbook.com>

*Profitable Trading with Renko Charts* One of the oldest and most popular Japanese charting methods, Renko can be used to profitably trade all types of financial markets and instruments — and over any time frame. Renko charts offer traders many unique and unmatched advantages over other charting methods:

- Renko charts are simple to use
- Trends are easier to identify in Renko charts since the price is always either clearly bullish or bearish
- Due to their uncluttered appearance, significant tradeable patterns are much easier to spot in Renko charts
- Being objective in nature, entry and exit signals are clearly defined in Renko charts, making it easier to trade profitably
- By eliminating insignificant price action, Renko charts help traders control overtrading — one of the biggest sources of trading losses. This comprehensive book provides step-by-step guidance, from the basics of Renko charts to advanced methods of analysis and trading, keeping in mind Indian market characteristics:
- What a Renko chart is — and how to plot it
- How to use the traditional tools of technical analysis on Renko charts
- Thorough description and analysis of major price patterns in Renko, along with examples and trading rules for each
- How to use the unique features of Renko charts to identify strong sectors and strong stocks to trade
- How to profit from the unique Renko chart indicators
- How to effectively use Renko charts across multiple time frames
- Tested and effective trading strategies for all kinds of markets, with rule-based entry and exit criteria
- PLUS: 250+ charts and examples from Indian markets. With recent advancement in technology making Renko easily accessible on popular charting software, this book will help both experienced and novice traders to profit from this very powerful system.

This special combination book, *Expert Advisor Programming and Advanced Forex Strategies*, will provide you with a solid foundation of the techniques required for profiting by combining expert advisor programming with advanced forex strategies. When finished you will have a deep understanding of the forex market from several angles. The emphasis throughout is on practical applications. Part 1: *Expert Advisor Programming for Beginners: Maximum MT4 Forex Profit Strategies* You will discover step by step along with clear visuals on how to profit with MT4 programming. Automated trading is often shrouded in mystery along with many misconceptions about who it can benefit. We peel away the layers of this misunderstood world in the book. Part 2: *Expert Advisor and Forex Trading Strategies: Take Your Expert Advisor and Forex Trading To The Next Level* You will learn advanced trading strategies along with easy to understand visuals on how to increase profits. This is a unique combination of manual and automated trading. Therefore it is for the intermediate to advanced manual trader and those seeking an insight into programmed trading.

The "*Voice of Foreign Exchange*" is a series of expert advisor books reinventing the "Elliott Wave Theory" using modern data communications formula. The formulas, I discovered in 2009-2010, led a Russian telecommunications specialist to victory in the 2011 MQL4 competition. I will explain, in layman's terms, how Electronic Data Communication Networks (ECN) operate, the protocols used, and how those networks impact all Forex Trading Methods, Investment for MT4 or MT5 Trading System, Forex Technical Trading Strategies, and MQL4 or MQL5 Expert Advisors (EA) programming. I'll show you how to troubleshoot and discover your MT4/5 connections to your ForEx Investment Broker. I have read thousands of articles and books on Foreign Exchange (ForEx), and no one takes into consideration what I reveal in this book series. "What an arrogantly bold statement ...", you must be thinking? Here's my challenge; begin reading as many (FREE) articles, forum posts and books (the free samples?) as you are able before I complete this book SERIES in the next several weeks (target publication date is February 2017). Establish, in your own mind, what's available today in all the current Expert Advisors for ForEx, then read this book and supporting programming supplements and use my Expert Advisors from my tutorials in Chapter 5 and 6 -- or build your own from the instructions I provide. This book and supporting pamphlet series demonstrates the "A-patchy ForEx" MQL programming shell and how to insert any of the eight (8) Expert Advisors provided in this series of instruction.

"It's hard to talk clearly about investing and make sense to ordinary readers at the same time. Katsenelson gives a lucid

explanation of today's markets with sound advice about how to make money while avoiding the traps that the market sets for exuberant bulls and frightened bears alike." — Thomas G. Donlan, Barron's "A thoroughly enjoyable read. Provides a clear framework for equity investing in today's 'sideways' and volatile markets useful to everyone. Clear thinking and clear writing are not often paired - well done!" — Dick Weil, CEO, Janus Capital Group "The bible for how to invest in the most tumultuous financial market environment since the Great Depression. A true guidebook for how to build wealth prudently." — David Rosenberg, Chief Economist & Strategist, Gluskin Sheff + Associates Inc. "A wonderful, grounded read for new and seasoned investors alike, Katsenelson explains in plain English why volatility and sideways markets are a stock picker's best friend." — The Motley Fool, www.Fool.com Praise for Active Value Investing "This book reads like a conversation with Vitaliy: deep, insightful, inquisitive, and civilized." — Nassim Nicholas Taleb, author of The Black Swan "Thoroughly enjoyable . . . for the thoughtful and often entertaining way in which it is delivered. . . Katsenelson takes his reader step by step into the mind of the value investor by relating, in a fictional addendum to Fiddler on the Roof, the story of Tevye's purchase of Golde, the cow. He also describes his own big-time gambling evening (he was willing to lose a maximum of \$40) and that of a half-drunken, rowdy fellow blackjack player to stress the importance of process. He then moves on to the fundamental principles of active value investing. What differentiates this book from so many others on value investing is that it describes, sometimes through the use of case studies, the thinking of a value investor. Not just his models or his metrics but his assessments. Katsenelson is an empiricist who weighs facts, looks for contraindications, and makes decisions. He makes value investing come alive. This may be a little book, but it's packed with insights for both novices and experienced investors. And it is a delight to read." —Seeking Alpha

Finally, the first comprehensive guide to MQL programming is here! Expert Advisor Programming guides you through the process of developing robust automated forex trading systems for the popular MetaTrader 4 platform. In this book, the author draws on several years of experience coding hundreds of expert advisors for retail traders worldwide. You'll learn how to program these common trading tasks, and much more: - Place market, stop and limit orders. - Accurately calculate stop loss and take profit prices. - Calculate lot size based on risk. - Add flexible trailing stops to your orders. - Count, modify and close multiple orders at once. - Verify trading conditions using indicators and price data. - Create flexible and reusable source code functions. - Add advanced features such as timers, email alerts and Martingale lot sizing. - Avoid common trading errors and easily troubleshoot your programs. - Adjustments for fractional pip brokers and FIFO. - Plus, learn how to create your own custom indicators and scripts! Whether you're a beginner or an experienced programmer, Expert Advisor Programming can help you realize your automated trading ideas in the shortest amount of time. This book features dozens of code examples with detailed explanations, fully-functioning example programs, and reusable functions that you can use in your own expert advisors!

"Long a secret weapon for the hedge-fund elite," says Trader Monthly, the DeMark Indicators are now used by more than 35,000 traders. This book provides an easy-to-follow system for using the indicators to identify market turns as they happen. Author Jason Perl gives a concise introduction to thirty-nine of the DeMark Indicators, and then shows how to combine the indicators and time frames to achieve a higher probability of trading success. Thomas R. DeMark, the creator of the DeMark Indicators and one of the most well-respected practitioners of technical analysis wrote the Foreword to this book. This is the second book in the Bloomberg Market Essentials™: Technical Analysis series, which covers the key elements of the most widely used technical analysis tools. Silver Medal Winner, Investing Category, Axiom Business Book Awards (2009) Winner: Book Series Cover Design, The Bookbinders Guild of New York/2009 New York Book Show Awards

Harmonic Pattern trading uses the direct pattern recognition from the price chart to predict the potential turning point of the financial market. Although the history of the harmonic pattern goes back to the Gartley's book "Profits in the Stock Market" in 1935, Harmonic Pattern trading became popular in last few decades. In comparison to many contemporary predictive techniques, there are far less literature available to study this technique in several different scientific angles. Most of harmonic pattern trader focuses on the visual aspect of the pattern keeping very small attention on the precision aspect. In this book, we want to introduce the brand new precision concept, Pattern Completion Interval and Potential Continuation Zone, for harmonic pattern trading. In the first few chapters of this book, we will illustrate the concept and the operating mechanism behind these new techniques. After that, we will focus on how to manage your order and risk with Harmonic pattern. We will illustrate how to apply this precision concept for both market order and pending order setup for your practical trading. At the end of the book, we describe the rolling ball effect and we show how it can affect your turning point strategy. In the final chapter, we introduce Mutual Pattern Turning Point Strategy for your practical trading. Then we show you three essential but powerful steps to trade with turning point strategy. Please note that we use our own custom ratio sets for harmonic patterns presented in this book because our backtesting and forward testing results indicates that they perform better than the original patterns. The studies presented in this book are the results after the intensive computerized research using Harmonic Patterns. If you want to dig deeper on the rolling ball effect and the mutual pattern strategy for turning point prediction, you can also read our book: Scientific Guide to Price Action and Pattern Trading.

Introduction: Top 50 Microservices Interview Questions & Answers Updated: 2020 version Latest Architecture:

Microservices is the latest trend in Technology world. It is the new architecture on which very few books have been written. If you are aiming to get a job in companies with Microservices architecture like- Netflix, Amazon etc. then this book can help you prepare for the technical interview. Q & A Format: This books also covers Architect level information in Q&A format for easy grasp of the concept. This book helps you in understanding the deep concepts behind Microservices in a Q&A format. It is an important topic for a software developer to know about Microservices. Great Compilation: It is a compilation of advanced Microservices interview questions after attending dozens of technical interviews in top-notch

companies like- Facebook, Google, Ebay, Amazon etc. Each question is accompanied with an answer so that you can prepare for job interview in short time. Practical Purpose: Often, these questions and concepts are used in our daily programming work. But these are most helpful when an Interviewer is trying to test your deep knowledge of Microservices concepts. How will this book help me? By reading this book, you do not have to spend time searching the Internet for Microservices interview questions. We have already compiled the list of the most popular and the latest Microservices Interview questions. Are there answers in this book? Yes, in this book each question is followed by an answer. So you can save time in interview preparation. What is the best way of reading this book? You have to first do a slow reading of all the questions in this book. Once you go through them in the first pass, mark the questions that you could not answer by yourself. Then, in second pass go through only the difficult questions. After going through this book 2-3 times, you will be well prepared to face a technical interview in Microservices architecture. What is the level of questions in this book? This book contains questions that are good for a Associate Software engineer to an Architect level. The difficulty level of question varies in the book from a Fresher to an Experienced professional. What are the sample questions in this book? What are the characteristics of a Good Microservice? Is it a good idea for Microservices to share a common database? What are the issues in using REST over HTTP for Microservices? What is Reactive Extensions? What is Semantic Versioning? What is Continuous Integration? What is Ubiquitous language? What is Mike Cohn's Test Pyramid? How can we eradicate non-determinism in tests? What is PACT? What is a Consumer Driven Contract (CDC)? What is Canary Releasing? How can we separate Deployment from Release of Microservices? How will you implement Service Discovery in Microservices architecture? What is the difference between Orchestration and Choreography in Microservices architecture?

You will discover step by step along with clear visuals on how to profit with MT4 programming. Automated trading is often shrouded in mystery along with many misconceptions about who it can benefit. We peel away the layers of this misunderstood world in the book. The book covers the following topics and much more: Gives an overview of trading the financial markets Understanding of how quant trading works Understanding of basic of the programming language - declare variables Understanding of the script Make a script Create an indicator Make building blocks of different functions Check for trade (trade open rule) Check for trade (close rule) Check for breakeven Check for trailing stop How to design a trading system

Beginning C# Object-Oriented Programming brings you into the modern world of development as you master the fundamentals of programming with C# and learn to develop efficient, reusable, elegant code through the object-oriented programming (OOP) methodology. Take your skills out of the 20th century and into this one with Dan Clark's accessible, quick-paced guide to C# and object-oriented programming, completely updated for .NET 4.0 and C# 4.0. As you develop techniques and best practices for coding in C#, one of the world's most popular contemporary languages, you'll experience modeling a "real world" application through a case study, allowing you to see how both C# and OOP (a methodology you can use with any number of languages) come together to make your code reusable, modern, and efficient. With more than 30 fully hands-on activities, you'll discover how to transform a simple model of an application into a fully-functional C# project, including designing the user interface, implementing the business logic, and integrating with a relational database for data storage. Along the way, you will explore the .NET Framework, the creation of a Windows-based user interface, a web-based user interface, and service-oriented programming, all using Microsoft's industry-leading Visual Studio 2010, C#, Silverlight, the Entity Framework, and more.

Douglas uncovers the underlying reasons for lack of consistency and helps traders overcome the ingrained mental habits that cost them money. He takes on the myths of the market and exposes them one by one teaching traders to look beyond random outcomes, to understand the true realities of risk, and to be comfortable with the "probabilities" of market movement that governs all market speculation.

all what you need to program mql4 automated trading robot programmer (EA for Metatrader4)

Expert instruction on the practical applications of candlestick charting Candlestick charting is more popular than ever before, with a legion of new traders and investors being introduced to the concept by some of today's hottest investment gurus. Having introduced the candlestick technique to the West through two of his bestselling books, Steve Nison is regarded as a luminary in the field of candlestick charting. In his new venture, The Candlestick Course, Nison explains patterns of varying complexity and tests the reader's knowledge with quizzes, Q&As, and intensive examples. In accessible and easy-to-understand language, this book offers expert instruction on the practical applications of candlestick charting to give every level of investor a complete understanding of this proven, profitable, and time-tested investing technique. Straightforward answers quickly clarify this easy-to-use charting method. This guide will allow readers to recognize and implement various candlestick patterns and lines in today's real-world trading environment—giving them a noticeable edge in their trading activities

STUDY GUIDE FOR Come Into My Trading Room A Complete Guide to Trading You can read Come Into My Trading Room: A Complete Guide to Trading in a few days, but you cannot expect to master every aspect of that invaluable book until you work through it. Study Guide for Come Into My Trading Room: A Complete Guide to Trading will help you learn the profitable methods and techniques of Come Into My Trading Room before risking a dollar in the markets. Study Guide for Come Into My Trading Room: A Complete Guide to Trading parallels the actual book, challenging you at every step with questions that make you focus on all the important areas of trading. Some tests are pencil-and-paper, others have you work with charts, but all prepare you to make crucial decisions. This Study Guide will: Quiz you on the essentials of trading—choosing the markets to trade, finding holes in the Efficient Market Theory, and overcoming common obstacles to success Make you aware of psychological blind spots that lead to losing Test your knowledge of charting and computerized indicators Explore trading systems, day-trading, and advanced concepts, such as Impulse trading and SafeZone stops Ask questions about money management, record-keeping, and managing time Challenge you with eight case studies where you choose entry and exit points and get graded for your performance The best trading strategies, techniques, and tools are only as good as your understanding of them. Pick up this Study Guide for Come Into

My Trading Room: A Complete Guide to Trading and convert Dr. Elder's methods into your own powerful and profitable tools. 50 Pips A Day Forex Strategy Start making consistent profits in the forex market. This is a very clear and simple to follow forex trading strategy to get you started achieving consistent profits day after day trading the forex market. It will make you 50 pips per day or more every day. It is ideal for beginner traders but it will give a great deal of help to more experienced traders that have not found a clear strategy to make profits consistently. Components Support and Resistance Candlesticks Moving Average Time frame - 4 hours chart It is easy to understand and to put in practice. It has very well defined entry, stop loss and exit levels. Apart from the strategy, this book also contains a very useful guide that teaches you how to construct a profitable forex trading system for yourself and how to avoid trading and money management mistakes. How to Build a Solid Trading System Are you new to forex trading or just started to trade on a live account but with not much success ? You need a solid forex trading system based on sound principles of the forex market, that has clear trading and money management rules. Do you have a forex trading system and you have been trading with it for a period of time but still you don't have the success you hoped for ? This can only mean that your trading system does not take into account the basic trading rules and principles that any powerful forex trading system incorporates. This book teaches you how to construct your own powerful forex trading system, what are the most important forex trading tools that you must include in it, what not to include in your forex trading system, how to apply solid money management rules and equally important, how to avoid making trading mistakes that will cost you when you start to trade with your newly developed forex system.

The essential guide to launching a successful career in trading—updated for today's turbulent markets “Mastering the Trade is an excellent source for a basic understanding of market action, be it day and/or longer-term trend trading. A programmer will have a field day with the many ideas that are in this book. It is highly recommended.” —John Hill, president of Futures Truth magazine “John Carter's new book focuses quickly on the critical area of trader psychology, a realm that will often separate the trader from his wallet if it is not mastered first. The in-depth trading strategies clearly show how to respond to market moves based on real-world examples.” —Price Headley, founder of BigTrends.com and author of Big Trends in Trading “Well written and packed with the kind of insight about the nature of trading and the markets that can surely benefit every level of trader.” —Mark Douglas, author of Trading in the Zone and The Disciplined Trader “This is a must read for all new traders, specifically for the psychological aspect of trading. I am recommending it to all of my clients.” —Carolyn Boroden, FibonacciQueen.com About the Book: When it was first published in 2005, Mastering the Trade became an instant classic in the world of day trading. Now, veteran day trader and educator John F. Carter has updated his time-proven swing trading technique to help you succeed in an environment vastly transformed by volatility and technology. Universally acclaimed for its sophisticated yet easy-to-execute methods, this practical, results-driven guide provides everything you need to make a lucrative career as a day trader—from preparing yourself psychologically for the unique demands of day trading to timing the market, managing risk, and planning future trades. Mastering the Trade sets aside timeworn basics and rehashed ideas to examine in detail the underlying factors that cause prices to move. Providing the tools you need to make the right decisions at the right times, it helps you enter market shifts early and either pull out before losses accrue or hang on for a long and refreshingly predictable ride. Mastering the Trade covers: The five psychological truths that will transform you from a mistake-prone novice into a savvy trading professional Exact entry, exit, and stop-loss levels for the intraday trading of stocks, options, ETFs, e-mini futures, 30-year bonds, currencies, and more Seven key internals, from \$TICKS to five-minute volume—critical for gauging pending market direction from the opening bell Premarket checklists for analyzing recent market behavior and calculating on each trading day what you plan to do, how you plan to do it, and why Airtight risk control techniques for protecting trading capital—the most important component of a professional trading career After spending many years on various trading desks, Carter has developed an intuitive understanding of how the markets work. In Mastering the Trade, he gives you unlimited access to everything the markets have taught him—so you can make an exceptional living on the frontlines of professional trading.

Trading for a Living Successful trading is based on three M's: Mind, Method, and Money. Trading for a Living helps you master all of those three areas: \* How to become a cool, calm, and collected trader \* How to profit from reading the behavior of the market crowd \* How to use a computer to find good trades \* How to develop a powerful trading system \* How to find the trades with the best odds of success \* How to find entry and exit points, set stops, and take profits Trading for a Living helps you discipline your Mind, shows you the Methods for trading the markets, and shows you how to manage Money in your trading accounts so that no string of losses can kick you out of the game. To help you profit even more from the ideas in Trading for a Living, look for the companion volume--Study Guide for Trading for a Living. It asks over 200 multiple-choice questions, with answers and 11 rating scales for sharpening your trading skills. For example: Question Markets rise when \* there are more buyers than sellers \* buyers are more aggressive than sellers \* sellers are afraid and demand a premium \* more shares or contracts are bought than sold \* I and II \* II and III \* II and IV \* III and IV Answer B. II and III. Every change in price reflects what happens in the battle between bulls and bears. Markets rise when bulls feel more strongly than bears. They rally when buyers are confident and sellers demand a premium for participating in the game that is going against them. There is a buyer and a seller behind every transaction. The number of stocks or futures bought and sold is equal by definition.

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