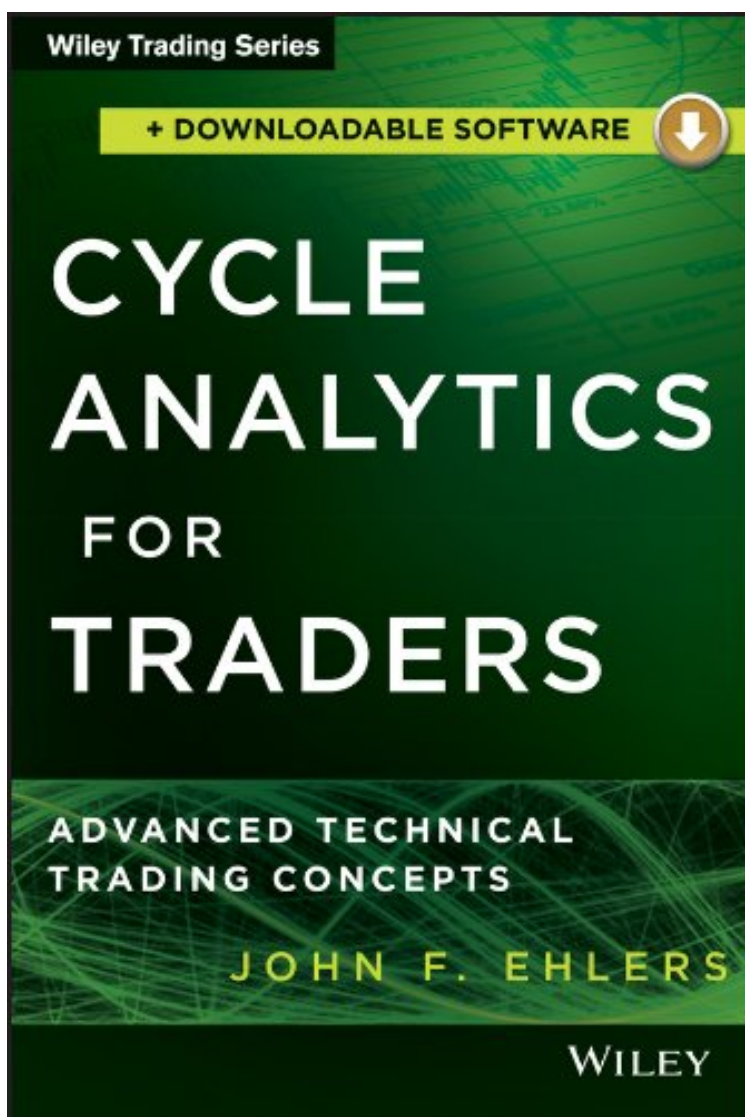


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## Cycle Analytics for Traders + Downloadable Software: Advanced Technical Trading Concepts (Wiley Trading)

*John F. Ehlers*

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**John F. Ehlers : Cycle Analytics for Traders + Downloadable Software: Advanced Technical Trading Concepts (Wiley Trading)** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Cycle Analytics for Traders + Downloadable Software: Advanced Technical Trading Concepts (Wiley Trading):

6 of 6 people found the following review helpful. Much Improved BUT Requires Multiple Readings and Studying for Mastery  
By John  
About me: My (decades-ago) undergraduate degree (plus Masters coursework) is Electrical

Engineering -- where I was introduced to filter theory and z-transforms/difference equations. I like this edition much better than Dr. Ehlers' older "Rocket Science for Traders" and "Cybernetic Analysis for Stocks and Futures". However, it took me an introductory reading plus several follow-up readings/studying before I felt I personally owned the concepts mentioned on pages x and xi (more important since I don't have TradeStation). For my purposes, there's chapters that could be in an appendix (since they don't seem to make a major contribution to the author's most-recommended versions of the software (e.g., Chapters 9, 10, 14 and perhaps 13). I think the flow of the book could be a lot better. In summary, if you're attracted to Dr. Ehlers work, then I recommend this book. I also found getting the white papers or original article publications to be useful since there's no color graphs (for heat maps, etc.) in the book. If you have TradeStation, then you're in a better place than I am -- you can just download the code using the access card that comes with the book.

2 of 2 people found the following review helpful. Signal processing techniques especially for stock trading  
By superticker  
This is a good introduction to applying signal processing methods to stock trading with many clever techniques. However, the reader should already be familiar with basic signal processing. A senior-level undergraduate EE course in signal processing will meet this prerequisite.

1 of 1 people found the following review helpful. Fantastic some unique and brilliant concepts  
By Mike Upshon  
Im not an engineer or mathematician, I initially struggled with some of the concepts, however I did persevere and am so glad I did. This book is fantastic some unique and brilliant concepts. Having the easy language code made it possible for me to understand what John was doing, the code is pretty easy to read. I now feel I have a much deeper understanding of Technical Analysis. I have recently had the privilege of meeting John while attending his workshop, John has got to be one of the smartest people I have ever met.

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

From the Inside Flap  
Cycles are a unique kind of trading analytics, being one of the few types of market data that can be accurately measured. But understanding what the cycles mean and which trades to make based on them is an extremely complex process. Cycle Analytics for Traders is a technical resource for self-directed traders that explains the scientific underpinnings of the filters and indicators used to make effective and profitable trading decisions. Rather than simply using cycle analytics on blind faith, this book explores and explains the how and why of cycles. Though technical in nature, Cycle Analytics for Traders emphasizes simplicity rather than mathematical purity, taking a pragmatic real-world approach to attaining effective trading results. It allows traders to think of indicators and trading strategies in the frequency domain as well as their motions in the time domain, letting them select the most efficient filter lengths for the job at hand. Traders with little mathematical background will learn how to assess general market conditions to their advantage while technically astute traders will be able to create indicators and strategies that automatically adapt to measured market conditions using the computer code described here. Additionally, author John Ehlers explains several vital concepts all traders should understand: how to eliminate or use Spectral Dilation to their advantage; how to use Automatic Gain Control to normalize indicator amplitude swings; the fact that all indicators are statistical rather than absolute; how to use advanced cookbook filters; several different methods for estimating market spectra and sifting out the Dominant Cycle; and how to use transforms to improve the display and interpretation of indicators. Cycle Analytics for Traders shows traders how to approach trading as a statistical process that should be judged from the long-term view, rather than a small sample set of just a few trades; no matter how profitable those few are. With this practical and informative book as a guide, any trader can master cycle analytics, letting statistics and science light the way to long-term trading success.

From the Back Cover  
Praise for Cycle Analytics for Traders  
"It's refreshing to find new ideas in a business that's become so competitive and often filled with variations on the same themes. This book is remarkably practical for traders and gives them better ways to visualize and evaluate price movement. The explanations are clear, and John has excelled in programming an extensive number of new and valuable indicators for easy use. I've quickly taken the Roofing Filter and incorporated it into my own trading. Thank you, John!"  
mdash;Perry Kaufman, Managing Director, Kaufman Analytics Ltd., author of Trading Systems and

Methods + Website, Fifth Edition "For the self-directed trader with a mathematical bent, this is the ultimate work. I especially enjoyed the descriptions of trading strategies as they apply to the various analytics." —Larry McMillan, President, McMillan Analysis Corp., author of *Options as a Strategic Investment* "If John Ehlers wrote it, then I will read it. John is one of those rare breed of analysts who dives into the why and how of things and not the often used superficial approach. *Cycle Analytics for Traders* seemed almost like a composite of much of his work over the last 30+ years, plus considerable new material that makes this book a treasure for anyone who has even the slightest interest in cycles or any periodic associations with market price movements. A must-own book!" —Gregory L. Morris, Chairman, Investment Committee, Stadion Money Management, LLC

About the Author John F. Ehlers worked as an electrical engineer at one of the largest aerospace companies in the industry before retiring as a senior engineering fellow. A graduate of the University of Missouri, he has been a private trader since 1976, specializing in technical analysis. The discoverer of Maximum Entropy Spectrum Analysis, he writes extensively on technical trading and speaks internationally on the subject.