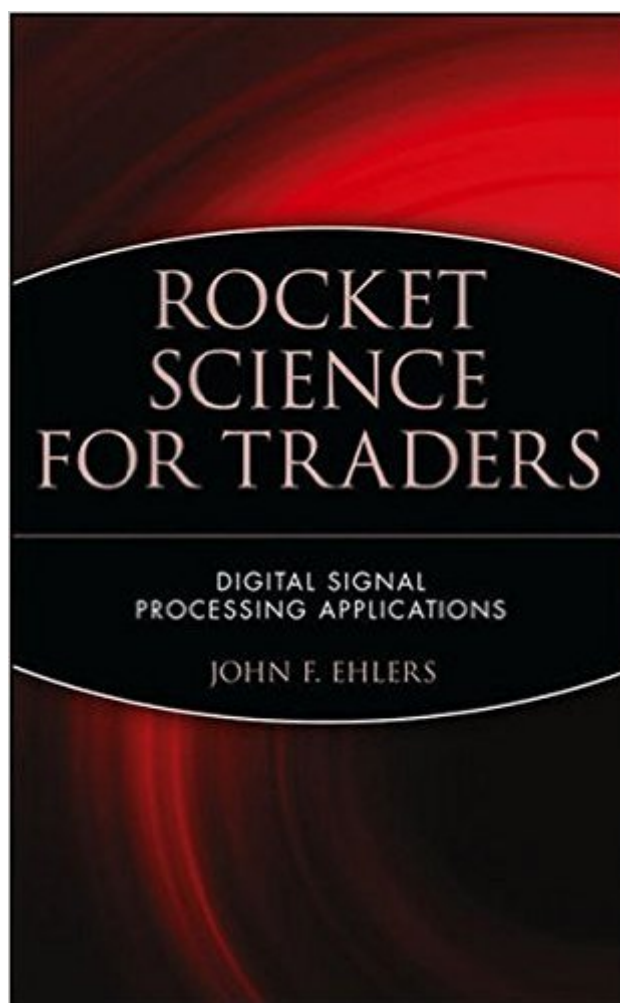


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# Rocket Science For Traders: Digital Signal Processing Applications



## Synopsis

Predict the future more accurately in today's difficult trading times The Holy Grail of trading is knowing what the markets will do next. Technical analysis is the art of predicting the market based on tested systems. Some systems work well when markets are "trending," and some work well when they are "cycling," going neither up nor down, but sideways. In *Trading with Signal Analysis*, noted technical analyst John Ehlers applies his engineering expertise to develop techniques that predict the future more accurately in these times that are otherwise so difficult to trade. Since cycles and trends exist in every time horizon, these methods are useful even in the strongest bull--or bear--market. John F. Ehlers (Goleta, CA) speaks internationally on the subject of cycles in the market and has expanded the scope of his contributions to technical analysis through the application of scientific digital signal processing techniques.

## Book Information

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## Customer Reviews

Whoever reads the reviews for this book will note the polarity: people either think it's wonderful or it's horrid. I'll try to give a more balanced review here. \* This book is for the mathematically/analytically inclined. If you don't consider yourself in this category, I would not suggest this book. At the VERY least you should have a solid background in trigonometry. \* This book is exactly what it says: Digital-Signal Processing (DSP) applied to stock trading. I myself am an Electrical Engineer who's day-job consists of about 90% DSP-work / 10% other tasks. For this reason, I believe I can fairly say that the DSP concepts presented are done so in a fairly clear and

fairly accurate manner (this varies from time-to-time). \* Most of the concepts presented in Ehlers' book would be what I consider "traditional" DSP. There is a problem here (that is almost completely overlooked in the book): "Traditional" DSP is based on a series of assumptions that must be at least approximately fulfilled. Recent academic research has tended to show that stock-market "signals" tend NOT to fulfill these assumptions very well. In some ways, this puts a significant dent (in my view) in the theory used as the basis for the indicators derived. \* The attention to detail at times is very obtrusive to a reader with a keen eye and understanding of what is being described. For example: there is (what I consider to be) a glaring error in the MAMA filter that no one has ever pointed out and that is not corrected on his website. How has this escaped notice for so long? [Side note: be careful about his claim that MAMA's avoid whipsaws - they DON'T at all in ranging markets!]

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