Nirvana's

ADVANCED
CycleTrader

FIND THE PROFIT CYCLES
IN ANY MARKET!

- **DETECT the Personality of the Market**
- **VISUALIZE the Market Waves**
- **PROFIT with Cycle Signals**

Buying Low and Selling High
Just Got a Lot Easier!

Ed Downs
CEO and Founder,
Nirvana Systems, Inc.

For as long as people have been trading financial markets, their goal has been to buy low and sell high. Of course, the trick is to know when the market is actually at a low and when it's actually at a high. This has always been difficult to determine—until now. Introducing our latest advancement in market analysis—Advanced CycleTrader.

Nirvana's Advanced CycleTrader (ACT) is based on a technology called Digital Signal Processing, or DSP. Pioneers such as John Ehlers have been applying it to the financial markets for many years. Our scientists set out to advance the state-of-the-art, and Advanced CycleTrader is the result of this work. I am pleased to report this new product has exceeded our most ambitious goals, which you will quickly see when you look at the examples in this brochure!

The best—and most profitable—ways to identify important highs and lows in any market is to determine whether it has inherent cycles, and then to find the cycle high or low. That's precisely what Advanced CycleTrader's new Market Mode Indicator (MMI) does! Regardless of your trading style or the timeframe you are trading, the MMI is an indispensable tool that will help you determine whether the market is in a bullish trend, bearish trend or cyclical trading range.

Once we know the mode of the market, we can begin to look for good cycle trades. ACT provides six new indicators that show you the short and long-term cycles that exist in the current market. The new Spectrum Indicator shows you the strength and stability of the strongest market cycle, and the ACT Heatmaps give you a comprehensive view of the market cycles that are currently in play.

These indicators provide good visual feedback on cycles in the market, but we know our customers want Signals! So, we took this technology to the next level by creating adaptive Indicators and Systems that adjust to market conditions in order to sync up with the strongest market cycles.

We then brought all of these tools together to create two new trading strategies. The ACT Strategies use the adaptive systems in a voting process to determine entry signals when the market is poised to turn. They use the same analysis to determine when to exit the trade. These strategies find great trend reversal trades in various timeframes and provide you with plenty of trading opportunities.
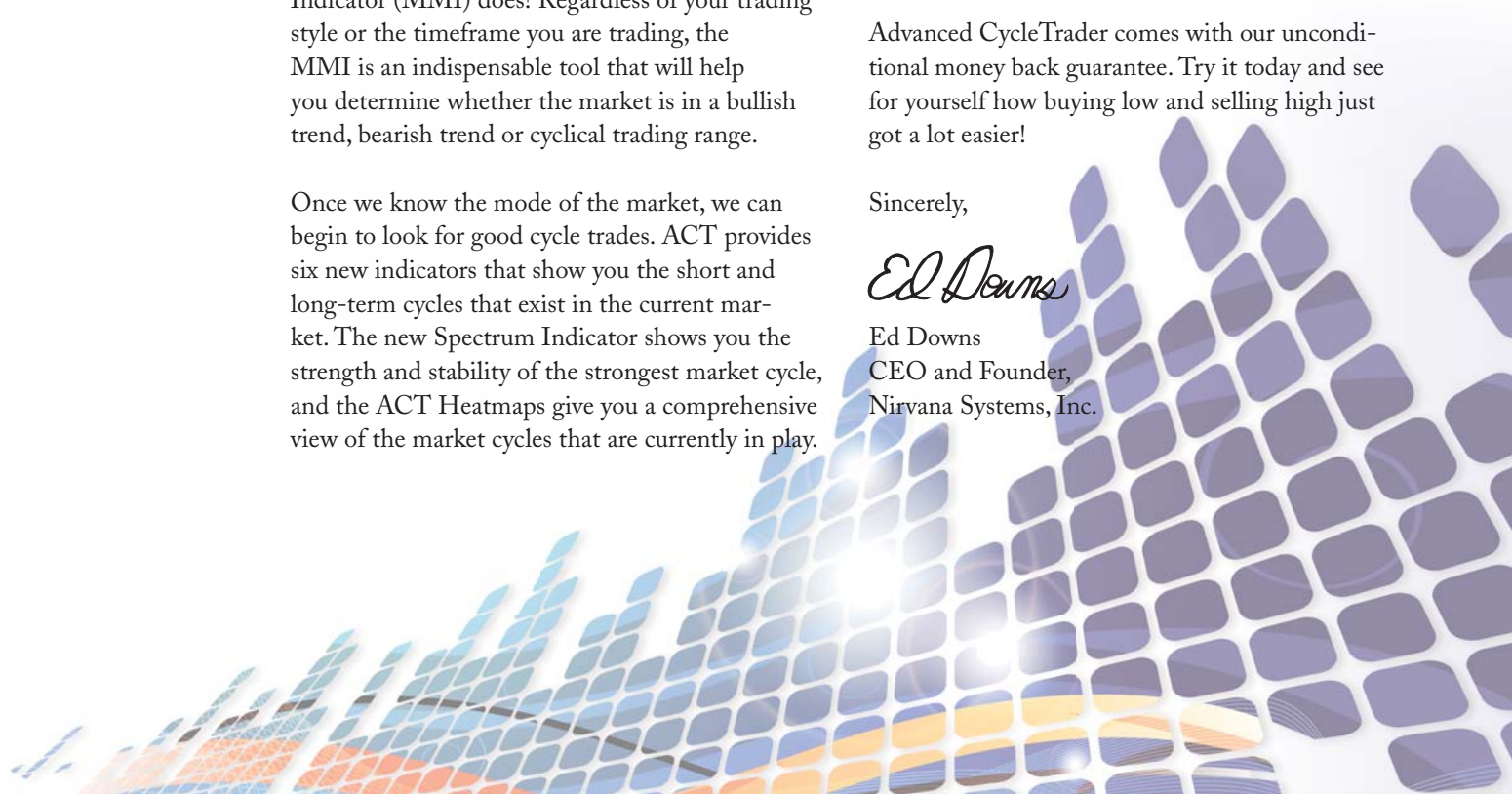
The new Advanced CycleTrader plug-in also comes with a great education package! Jeremy Williams, the chief Nirvana architect behind ACT, has created *The Power of Cycle Trading* seminar. This seminar will show you how to interpret and apply these new tools and how to integrate ACT into your current trading style.

Advanced CycleTrader comes with our unconditional money back guarantee. Try it today and see for yourself how buying low and selling high just got a lot easier!

Sincerely,

Ed Downs

Ed Downs
CEO and Founder,
Nirvana Systems, Inc.

Find the Profit Cycles
in Any Market!

From Dow Theory to Elliot Wave analysis, traders have spent years building trading methods to predict the cyclical behavior of markets.

In theory the approach is simple. When you identify a consistent cycle in the market, you buy at the trough and sell at the peak. The problem is that often times it is difficult to identify a consistent cycle because it is buried in noise or swamped by a trend.

Introducing Advanced CycleTrader (ACT)

Advanced CycleTrader's revolutionary approach to cycle analysis uses the power of modern Digital Signal Processing (DSP) techniques to accurately identify these elusive cycles and know when to trade them.

The power of DSP allows CycleTrader to pinpoint cycle highs and lows with amazing precision. This results in more responsive indicators and systems that are more accurate and less prone to whipsaws. ACT includes tools that identify the best cycles to trade, and even tells you the strength and stability of these cycles.

All of this firepower has been harnessed to create Cycle Trading Strategies. Simply turn them on and turbocharge your trading with the amazing power of DSP.

Advanced CycleTrader (ACT) uses Digital Signal Processing to find and adapt to the strongest market cycles. In this illustration, the RSI Heatmap shows a medium-term market cycle. The red area indicates cycle lows and the green area indicates cycle highs. Our ACT Strategies utilize the same technology to provide excellent reversal trade opportunities.

With ADVANCED CycleTrader, you will be able to:

☐ Detect the Personality of the Market

The Market Mode Indicator lets you know whether the market is in a bullish trend, a bearish trend, or a cyclical trading range, increasing your chances of success regardless of trading style or timeframe.

☐ Visualize the Market Waves

Our Heatmaps bring the cycles to life with a vivid display that takes the guesswork out of cycle analysis.

☐ Profit with Cycle Signals

New CycleTrader Strategies allow you to pinpoint entries and exits with amazing precision.

Digital Signal Processing Breakthrough Reveals Profitable Trading Opportunities

Engineers across a multitude of disciplines have been solving complicated problems in their respective fields for years using the power of Digital Signal Processing (DSP). Modern DSP algorithms can easily resolve a valuable signal buried in a sea of noise. The same techniques used for signals in other fields also work for identifying cycles in the market.

Although you may not realize it, you are probably already using basic DSP in your trading. A moving average is a simple example of a digital low pass filter. Additionally, most standard oscillators are derived from basic high pass or band pass filters.

Digital Signal Processing technology has advanced leaps and bounds beyond these basic digital filters. These new advanced DSP methods form the cornerstone of our new Advanced CycleTrader Plug-in, allowing us to apply this technology to the markets—with excellent results!

The illustration below shows a typical price chart with a cycle overlay. Advanced CycleTrader extracts meaningful cycles (signals) from the noise in the price data. This allows us to determine the market's current mode, see which timeframe shows the strongest cycle swings, and generate amazing buy and sell signals.
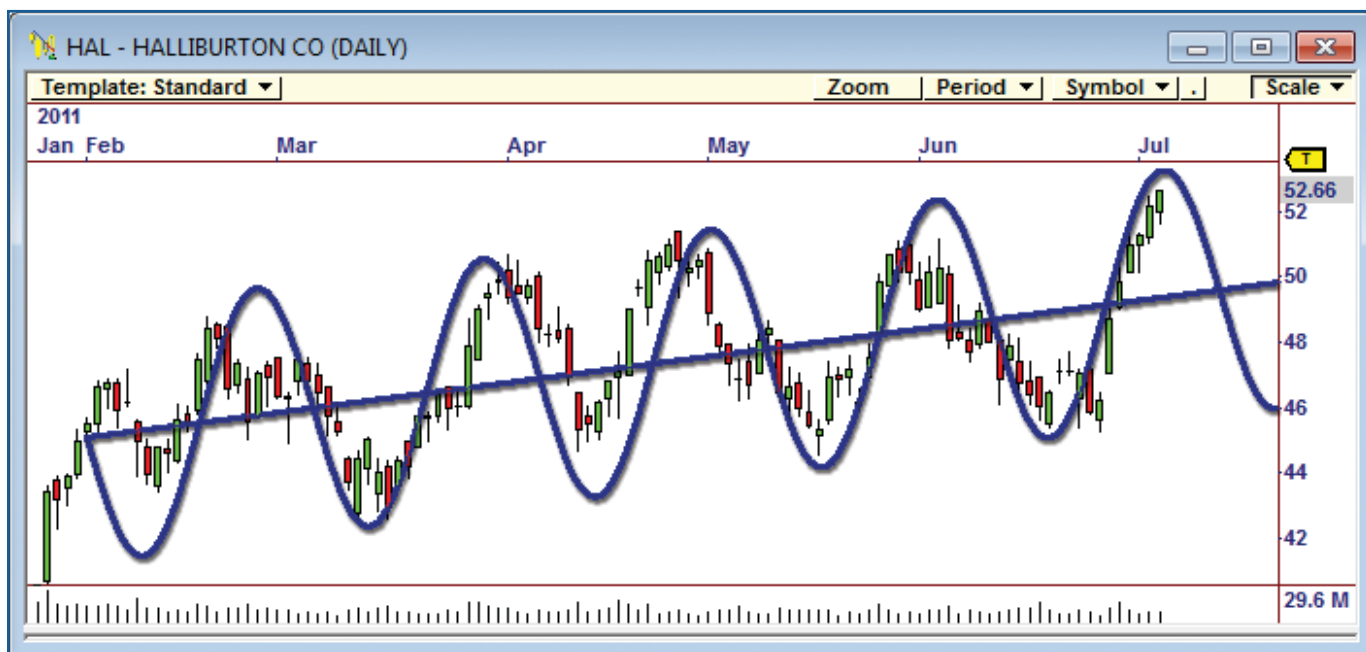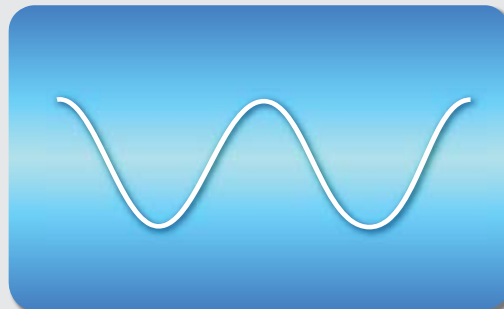
How DSP Works

The prime function of DSP is to extract meaningful signals that are buried in noise. The desired signal can be revealed by applying various digital filters.

Noisy Data

DSP Extracts Signal from Noise

Advanced CycleTrader utilizes Digital Signal Processing in order to extract meaningful cycles from basic price data.

Market Personalities Revealed
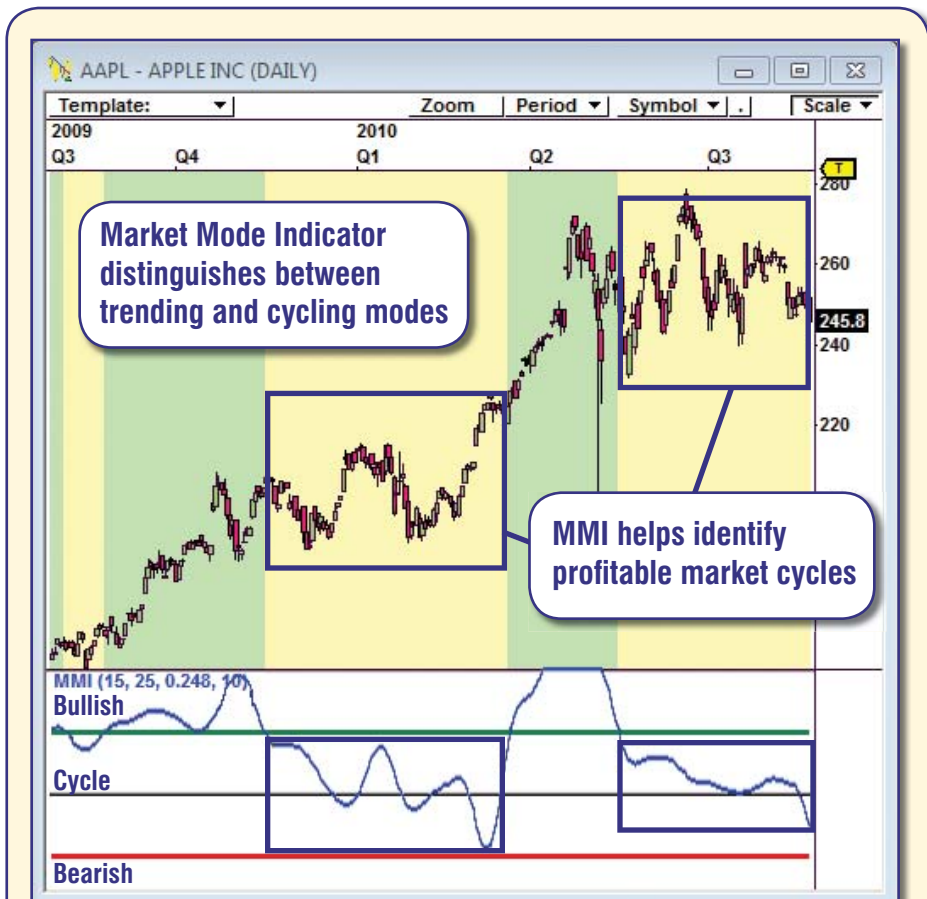
Introducing the Market Mode Indicator

One of the most common requests that we get from our customers is for a tool to identify what personality (mode) the market is in. Using CycleTrader's new DSP technology, we are finally able to fulfill that request. The Market Mode Indicator (MMI) will let you know if the market is currently in a bullish trend, a bearish trend, or a cyclical trading range.

The Market Mode Indicator is easy to use. When the indicator is above the green line, the market is considered trending upward; when it is below the red line, the trend is to the downside. The closer this indicator is to the zero line, the better chance of the chart exhibiting tradable cycles.

The Perfect Tool for ANY Trader

The Market Mode Indicator is not only a valuable tool to be used with Advanced CycleTrader—it can also be used for any type of trading in any timeframe. Imagine the power of having market mode confirmation directly on your OmniTrader and VisualTrader charts.

You can also use the MMI as a filter in a Trading Strategy so that you are only generating signals in a certain type of market. **The Market Mode Indicator increases your chance of success on any chart you trade. The MMI alone is easily worth the price of the plug-in.**

Market Mode Indicator distinguishes between trending and cycling modes

MMI helps identify profitable market cycles

IMPROVE YOUR TRADING with the Market Mode Indicator

The Market Mode Indicator is your key to successfully engaging the markets.

- **SEE** the current personality of any stock, futures contract or index.

- **SCAN** for a list of stocks that all have the same personality by using the MMI in your OmniScan lists.

- **FILTER** signals in any trading strategy so that you are only trading in the markets that fit your strategy.

Pinpoint Cycle Highs and Lows

Hidden Profits Revealed

Savvy traders have been using technical indicators to improve their market timing for decades. CycleTrader's DSP technology takes technical trading to the next level, helping you trade profitable market cycles in all timeframes. **CycleTrader's adaptive indicators lock on to the swings and cycles that standard indicators frequently miss.**

Visualize Cycle Strength

CycleTrader's Spectrum Indicator gives you an easy-to-read graphical representation of the strength and stability of market cycles, allowing you to sync your trading decisions with the underlying market swings.

The Spectrum Indicator shows you the cycle strength across multiple timeframes to let you quickly identify the strongest cycle in the market, also known as the "dominant cycle". While basic cycle analysis locks you into a single timeframe, the Spectrum Indicator gives you the advantage of seeing cycle strength and weakness across all timeframes. If long-term waves are dictating market movement, the Spectrum Indicator will light up at the top of the display. The bottom of the indicator display will light up if predictable short-term swings are present in the current market.

The Spectrum Indicator highlights when profitable cycles are forming and dissipating. Even more, it alerts you to these situations earlier than previously possible using traditional technical indicators.

Included Indicators

- **Market Mode Indicator**
- **Spectrum Indicator**
- **Adaptive ADX**
- **Adaptive Bollinger Bands**
- **Adaptive CCI**
- **Adaptive RSI**

The Adaptive Bollinger Band Crossover System pinpoints cycle highs and lows

The Adaptive CCI locks onto the dominant cycle

This chart of OXY is a perfect example of how the Adaptive CCI Indicator lock System pinpoints the highs and lows with amazing precision.

with *Amazing Precision*

ks onto the dominant cycle, while the Adaptive Bollinger Band Crossover

The Spectrum Indicator alerts you to a stable cycle

More Responsive Systems and Indicators

Complementing the Spectrum Indicator are CycleTrader's adaptive indicators and systems. Our research team has created a suite of Indicators and Systems that dynamically adapt to the conditions in the current market. **The end result is more responsive indicators and systems— that are more accurate and less prone to whipsaws.**

As CycleTrader detects the cycles, the indicators are internally adjusted to be in tune with that cycle. When a short-term cycle emerges, the indicator will weigh recent data more heavily allowing the indicator to respond more rapidly to the incoming data.

Similarly, when long-term waves account for the bulk of market movement, the indicators add smoothing to the chart, effectively filtering out the noisy short-term data.

Advanced CycleTrader includes cycle adaptive versions of some of our most popular technical Indicators and Systems.

The result is staggering as depicted in this chart of OXY. The Adaptive CCI Indicator locks onto the dominant cycle, while the Adaptive Bollinger Band Crossover System pinpoints the highs

Included Systems

- Adaptive ADX Crossover
- Adaptive Bollinger Band Crossover
- Adaptive CCI Peaks
- Adaptive CCI Crossover
- Adaptive RSI Peaks
- Adaptive RSI Crossover

Profit with Cycle *Signals*

New ACT Strategies

All of the components of Nirvana's Advanced CycleTrader come together in ACT's End-of-Day and Real Time Strategies. Two trading strategies are included that take advantage of CycleTrader's Market Mode analysis and the Adaptive Cycle Systems.

The ACT Strategies use Nirvana's voting process on the Adaptive Cycle Systems to generate trading signals. These systems excel at firing reversal signals in a trading range; if there is consensus among the systems, a preliminary signal is generated. However, we want to be sure that we are in a trading range before passing the signal to the Vote Line. This is where the Market Mode Filter comes into play.

The Market Mode Filter analyzes the market to see what mode it is currently in. If it detects that the market is currently in a trending mode, the signal is filtered out. If the Market Mode Filter detects that the market is currently in a cyclical trading range, the signal is passed on to the Vote Line.

The ACT Strategies also use adaptive cyclical analysis for exits. If we enter a long position when a cycle low is detected, it makes sense to take profits when a cycle high is detected. That is exactly what the ACT Strategies do. Once a signal is generated at a cycle low or high, the adaptive cycle systems are used to determine when the opposite side of the cycle is completing. An exit is created in order to lock in profits.

By identifying the market mode AND the dominant market cycle, the ACT Strategies provide extremely accurate signals regardless of what timeframe you trade.

The ACT EOD Strategy uses a voting process by analyzing multiple Adaptive Systems. If the MMI Filter detects a cyclical market, the strategy will generate signals at predicted cycle highs and lows.

The ACT RT Strategy is designed to find dominant cycle turns in any intraday timeframe. In this example, the ACT RT Strategy was able to find every major turning point for Walmart over a three-day period.

Visualize the Wave and *Heat up your Profits!*

COF - CAPITAL ONE FINL CORP (DAILY)

Template: Standard | Zoom | Period ▼ | Symbol ▼ | . | Scale ▼

2011   Sep   Oct   Nov   Dec   2012   Jan   Feb

RSI (4 to 48)

17.1 M

New Cycle Drawing Tool

The Cycle Drawing Tool allows you to overlay cyclic behavior on your chart, and project those cycles into the future, so you can better predict trading outcomes. The tool allows you to adjust the Amplitude and Frequency of the cycles as well as the underlying trend, to give you the most accurate prediction going forward.

Get The BIG Picture with Heatmaps

Heatmaps serve as your dashboard to market behavior. They are the best tool to visualize market waves across all timeframes. The concept is simple yet powerful. Rather than plotting a traditional indicator such as a 14-period RSI, the heatmap looks at the RSI in EVERY periodicity between 4 and 50. At the very bottom of the map, the four period RSI is displayed by coloring the horizontal region with red for low RSI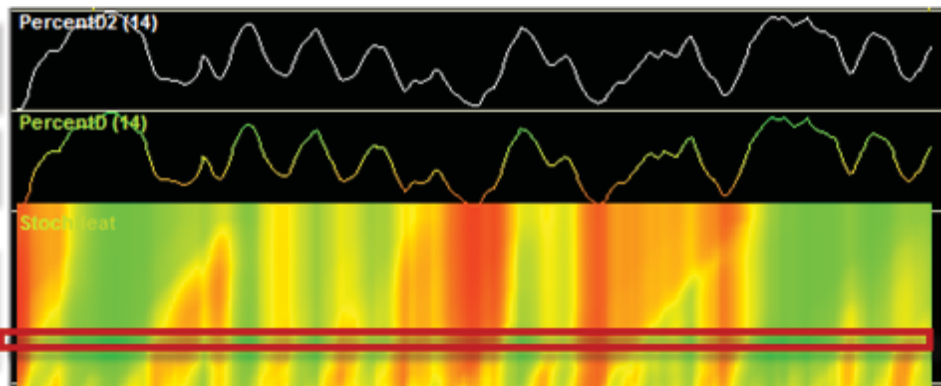 and green for large RSI values. The heatmap lets you see exactly how the waves of buying and selling pressure play out in the market. Short-term reversals flow out to longer-term trends as the wave moves through the market. You see it ALL.

HOW A HEATMAP IS BUILT

| Indicator |
| Indicator Values Color-Coded |
| Color-coded values become a single line in the Heatmap |

PercentD2 (14)

PercentD (14)

StochHeat

The POWER
— of Cycle Trading —

*A Comprehensive Seminar
by Jeremy Williams*

Market Cycles Demystified

Advanced technology deserves advanced education. That is why we are including our newest seminar, *The Power of Cycle Trading*, with your purchase of Advanced CycleTrader.

In this seminar, Jeremy Williams, Nirvana Systems' Strategy Research Specialist, helps you advance your trading by presenting a comprehensive view of cycle analysis. From the basics of the science to trading with ACT, he shows you everything you need to get started in order to profit from these market swings.

In *The Power of Cycle Trading,* Jeremy Williams will show you how to interpret the ACT indicators (such as the Heatmap shown above) and explain how to apply them to your trading.
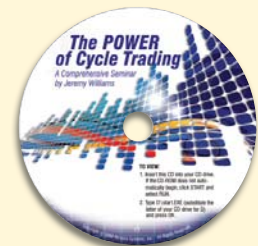
The POWER of Cycle Trading SEMINAR

In *The Power of Cycle Trading*, we start by discussing Digital Signal Processing which lies at the heart of Advanced CycleTrader. Jeremy Williams explains how this is used to derive cycles from different timeframes, and how ACT is able to identify which cycles are currently the strongest.

Each of the new powerful indicators are given an in-depth examination so that you can apply them to your trading as quickly as possible. Jeremy also discusses the ACT Trading Strategies and shows how to use Heatmaps in order to confirm the signals that have the highest likelihood for success.

The Power of Cycle Trading seminar is included FREE with your purchase of Advanced CycleTrader (see opposite page for details).
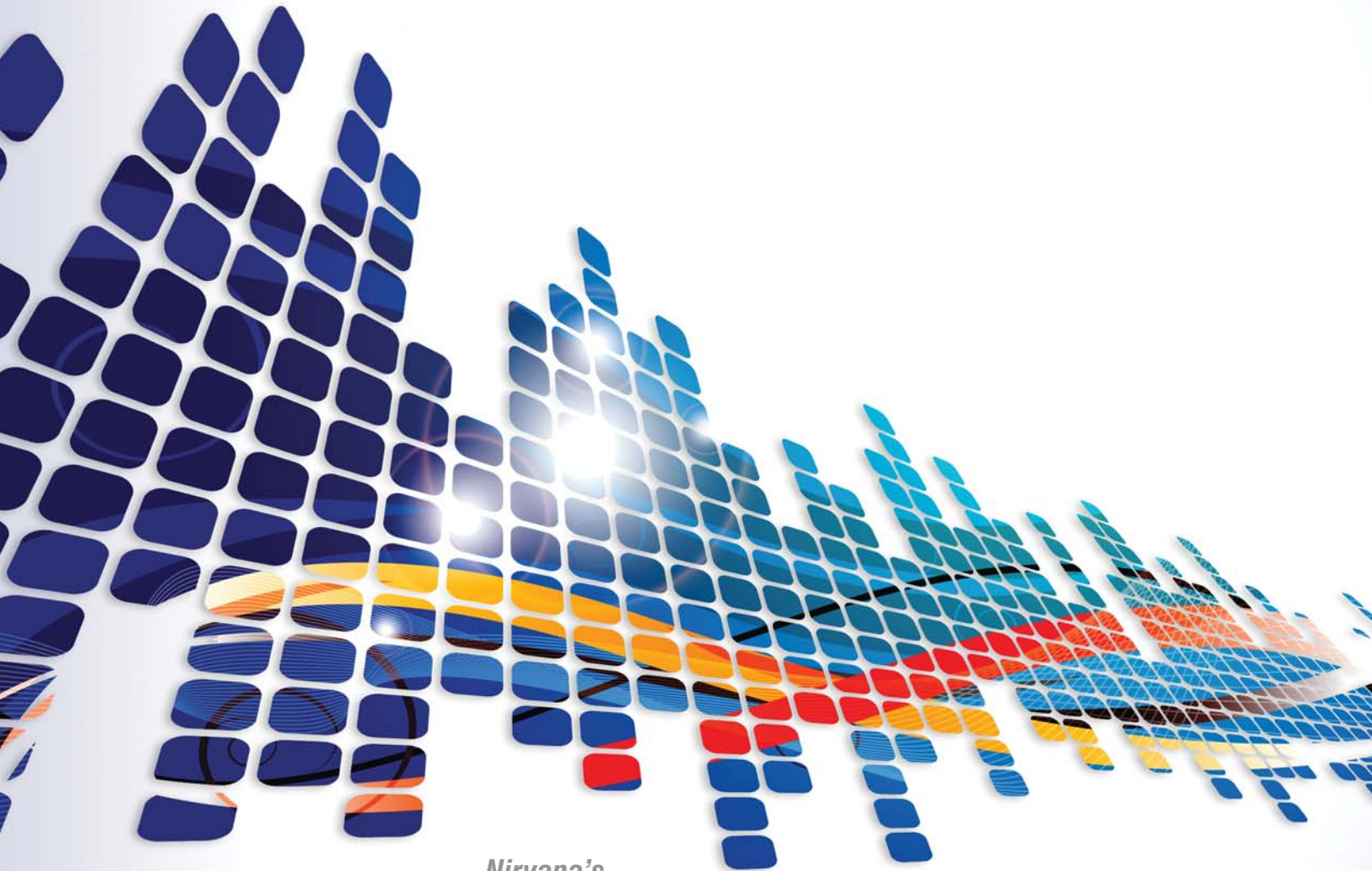
SEMINAR TOPICS

- **Introduction to DSP**
- **Detecting Cycles**
- **Using Heatmaps**
- **Personalities of Markets**
- **Detecting Market Mode**
- **Cycle Adaptive Indicators**
- **Confirmation of Cycle Signals**
- **CycleTrader Strategies**

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