

## All 25 indicators from the book "Cybernetics Analysis for Stock and Futures" (John F. Ehlers)

There is no sense to describe here in detail these indicators because some of them are quite complex. Everything is explained in the above book. For this site screenshots have to be sufficient. Indicators are placed in the order of appearance from the book. For the majority of these indicators red line means main signal and blue line means trigger.



Fisher Transform  
[FisherTransform.mq4](#)

Instantaneous Trendline  
[InstantaneousTrendline.mq4](#)

Cyber Cycle  
[CyberCycle.mq4](#)

CG Oscillator  
[CG.mq4](#)

Relative Vigor Index  
[RVI.mq4](#)



Stochastic RSI  
[StochasticRSI.mq4](#)

Stochastic Cyber Cycle  
[StochasticCyberCycle.mq4](#)



Stochastic CG Oscillator  
StochasticCG.mq4

Stochastic Relative Vigor Index  
StochasticRVI.mq4



Fisher Cyber Cycle  
FisherCyberCycle.mq4

Fisher CG Oscillator  
FisherCG.mq4

Fisher Relative Vigor Index  
FisherRVI.mq4



Cycle Period  
CyclePeriod.mq4

This indicator is required by: Adaptive Cyber Cycle, Adaptive CG Oscillator, Adaptive RVI, Sinewave and Smoothed Adaptive Momentum.



Adaptive Cyber Cycle  
AdaptiveCyberCycle.mq4

Adaptive CG Oscillator  
AdaptiveCG.mq4

Adaptive Relative Vigor Index  
AdaptiveRVI.mq4

Adaptive indicators require Cycle Period.



Sinewave

Sinewave.mq4 or Sinewave2.mq4 (our version with some modifications)

Smoothed Adaptive Momentum

SmoothedAdaptiveMomentum.mq4

Sinewave and Smoothed Adaptive Momentum require Cycle Period.



Two-Pole Butterworth Filter  
TwoPoleButterworthFilter.mq4

Three-Pole Butterworth Filter  
ThreePoleButterworthFilter.mq4



Two-Pole Super Smoother Filter  
TwoPoleSuperSmootherFilter.mq4

Three-Pole Super Smoother Filter  
ThreePoleSuperSmootherFilter.mq4



Laguerre Filter  
LaguerreFilter.mq4

Laguerre RSI  
LaguerreRSI.mq4



Leading  
Leading.mq4



### Modified Optimum Elliptic Filter

This indicator was coded on the basis of the article "Optimal Detrending" by John F. Ehlers in Stocks & Commodities V. 18:7 (20-29). You can find all the theory described there in detail. Modified Optimum Elliptic Filter has no input parameters. A comparison of Modified Optimum Elliptic Filter with 5-period Exponential Moving Average is presented in the chart below. As you can see MOEF has lower lag and is smoother.



Download [ModifiedOptimumEllipticFilter.mq4](#)