

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](#)