

NeuroShell Trader

The Fractal Adaptive Moving Average created by John Ehlers can be easily implemented in the NeuroShell Trader by combining a few of the NeuroShell Trader's over 800 indicators and one custom indicator*, which in itself is a very useful generic adaptive moving average. To implement the Fractal Adaptive Moving Average, select 'New Indicator ...' from the 'Insert' menu and use the Indicator Wizard to create the following indicators:

N3: $\text{Divide}(\text{PriceRange}(\text{High}, \text{Low}, n), n)$
N1: $\text{Divide}(\text{PriceRange}(\text{High}, \text{Low}, n/2), n/2)$
N2: $\text{Lag}(N1, n/2)$

Dimen : $\text{Divide}(\text{Subtract}(\text{Log}(\text{Add2}(N1, N2)), \text{Log}(N3)), \text{Log}(2))$
Alpha: $\text{Min2}(\text{Max2}(\text{Exp}(\text{Multiply}(-4.6, \text{Subtract}(\text{Dimen}, 1))), .01), 1)$

Filt: $\text{AdaptiveExpAvg}^*(\text{Avg2}(\text{High}, \text{Low}), \text{Alpha})$

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Figure A: NeuroShell Fractal Adaptive Moving Average Chart

