

## NeuroShell Trader

The Sentimental Zone Oscillator described by Walid Khalil can be easily implemented with a few of NeuroShell Trader's over 800 indicators. Simply select 'New Indicator ...' from the 'Insert' menu and use the Indicator Wizard to create the following indicators:

### SVO\*\*

Multiply2( 100, Divide( Tema( IfThenElse( A>B( Close, Lag(Close,1)), 1, -1), 14, 14))

### Overbought SVO Zone

Add2 ( Min(SVO,30), Divide( Multiply2( Range(SVO,30), PERCENT), 100))

### Oversold SVO Zone

Subtract ( Max(SVO,30), Divide( Multiply2( Range(SVO,30), PERCENT), 100))

\*\*Note that the SVO is based upon the Tema custom indicator, which NeuroShell Trader users can download for free at [www.ward.net](http://www.ward.net)

To create the SZO Trading System, select 'New Trading Strategy ...' from the 'Insert' menu and enter the following in the appropriate locations of the Trading Strategy Wizard:

Generate a buy long market order if ONE of the following is true:

And2( CrossAbove( Avg( SVO, 30), 0 ),  
A>B( Close, ExpAvg( Close, 60 ) ) )  
And3( A>B( Close, ExpAvg( Close, 60 ) ),  
A<B( SVO, SVO\_OVERSOLD ),  
A>B( Momentum( Avg( SVO, 30), 1), 0 ) )  
And3( A>B( Avg( SVO, 30), 0),  
CrossAbove( SVO, SVO\_OVERSOLD ),  
A>B ( Momentum( ExpAvg( Close, 60 ), 1), 0 ) )

Generate a sell long market order if ONE of the following is true:

CrossAbove ( Avg( SVO, 30), 0)  
And2 ( CrossBelow( SVO, 7), A<B( Momentum( Avg(SVO,30), 1), 0))

If you have the NeuroShell Trader Professional, you can also choose whether or not the parameters should be optimized. After backtesting the trading strategy, use the 'Detailed Analysis ...' button to view the backtest and trade by trade statistics for the strategy.

Users of NeuroShell Trader can go to the STOCKS & COMMODITIES section of the NeuroShell Trader free technical support Website to download a copy of any of the traders' tips.

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Figure 1: A NeuroShell Trader Chart that shows the Sentimental Zone Oscillator Trading System and corresponding SVO indicator with Overbought and Oversold zones.

