

## NeuroShell Trader

The Technical Method for Rating Stocks described by Markos Katsanos can be easily implemented in the NeuroShell Trader by combining a few of the NeuroShell Trader's over 800 indicators. To implement the Technical Indicators, select 'New Indicator ...' from the 'Insert' menu and use the Indicator Wizard to create the following indicators:

### Volume Flow Indicator:

*TYPICAL*: Avg3 ( High, Low, Close )  
*CUTOFF*: Multiply3 ( 0.2, StndDev ( Momentum (Ln (*TYPICAL*),1), 30 ), Close )  
*VAVE*: LagAvg ( Volume, 1, 130 )  
*VC*: Min2 ( Volume, Multiply2 ( 2.5, *VAVE* ) )  
*MF*: Momentum (*TYPICAL*, 1 )  
*VFI*: Divide ( Sum( IfThenIfThenElse ( A>B(*MF*,*CUTOFF*), *VC*, A<B(*MF*,  
Negative(*CUTOFF*)), Negative(*VC*), 0 ), 130 ), *VAVE* )  
*VFICond*: A>B(*VFI*,0)

### Trading above 100-period moving average:

A>B( Close, Avg(Close,100))

### Uptrend:

A>B( Momentum( Avg( Close,100),4),0)

### Trend quality:

A<=B(Sum(A<B(Close,Avg(Close,100)),63),7)

### Market direction:

A>B(Momentum(ExpAvg(SPDRS Close,100),2),0)

To create the stock rating trading system, select 'New Trading Strategy ...' from the 'Insert' menu and enter the following in the appropriate locations of the Trading Strategy Wizard:

### BUY LONG CONDITIONS: [All of which must be true]

A>=B(Add2(Add4(Mul2(1, VFI(High,Low,Close,Volume,0.2,30,2.5,130)),  
Mul2(1,A>B(Close,Avg(Close,100))),  
Mul2(1,A>B(Momentum(Avg(Close,100),4),0)),  
Mul2(1,A>B(Momentum(ExpAvg(SPDRS Close,100),2),0))),  
Mul2(2,A<=B(Sum(A<B(Close,Avg(Close,100)),63),7))),5)

### SELL LONG CONDITIONS: [All of which must be true]

BarsSinceFill>=X(Trading Strategy,21)

After entering the system conditions, 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 system.

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 showing the stock rating indicators and system.