NeuroShell Trader

The Average Peak Excursion indicators described by Chris Young can be easily implemented in the NeuroShell Trader by combining a few of the NeuroShell Trader's over 800 indicators. To implement the excursion indicators, select '**New Indicator …**' from the '**Insert**' menu and use the Indicator Wizard to create the following indicators:

N-day Peak Excursion:
Max2(Subtract(PriceHigh(*High*,N), PriceOpen(*Open*,N)), Subtract (PriceOpen(*Open*,N), PriceLow(*Low*,N)))

Average Peak Excursion (APE)
Avg (PeakExcursion, *X*)

APE Alpha
Divide (Ln(Divide(AvgPeakExcursion(*N*), AvgPeakExcursion(1))), Ln (*N*))

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Figure A: Using the portfolio view to compare Average Peak Excursions and APE Alphas across different stocks in NeuroShell Trader

Average Peak Excursion.cht

■ Close

— Average Peak Excursion

— Average Peak Excursion Alpha

Sep 2004 — Nov — Jan — Mar — Apr — Jun — Jul — Sep — Nov — Jan

2/6/2006	Open	High	Low	Close	Average Peak Excursion	Average Peak Excursion Alpha
GOOG	385.31	389.9	379.56	385.1	41.22392	0.6191279
AAPL	72.02	72.51	66.74	67.3	7.214315	0.586087
EBAY	**41.0**	**41.09**	**40.62**	**40.77**	**4.892656**	**0.5751649**
AMZN	38.34	38.34	37.77	37.95	4.723935	0.6049866
YHOO	33.9	33.95	32.78	32.92	3.53908	0.5397326
DELL	29.12	29.58	29.1	29.32	2.924141	0.6104912
INTC	20.83	20.85	20.5	20.61	2.210177	0.5962125
MSFT	27.48	27.54	27.09	27.18	1.474634	0.5457773