NEoWave™ Pattern Discoveries

- Diametric Formations
- Neutral Triangles (wave-c longest)
- Extracting Triangles
- 3rd Extension Terminals
- 5th Failure Terminals
I experienced my first Diametric formation in 1991. What started out looking like a Contracting Triangle, stopped behaving like one when wave-e became larger than wave-d. If wave-e had moved quickly enough and far enough, I could have concluded the pattern as a Zigzag from the low in 1991. But, the problem is that wave-e did not move quickly enough out of the congestion to indicate anything critical had concluded. That is when I started to realize that a new wave phenomenon was unfolding. It was simply a process of elimination.

A Diametric Formation generally resembles the shape of a Bow Tie.
Neutral Triangles (wave-c longest)

The is a new variation in this well known group. It is the missing “link” that explains many heretofore indecipherable periods of pattern development. A Neutral Triangle is the logical missing formation that delicately connects the Impulsive world to the Triangular world. If you compare 1st, 3rd and 5th wave Extensions to Triangular patterns, there is a clear area of behavior not covered by R.N. Elliott’s original group. That missing pattern is the Neutral Triangle. Just like a 3rd wave Extension Impulse pattern, the middle wave (wave-c) is the longest in a Neutral Triangle. Their characteristics are also extremely similar to 3rd Extension Impulse patterns.

Just like what you might witness in a 3rd Extension Impulse pattern, the “extended” c-wave of a Neutral Triangle is usually the longest, most subdivided and most time consuming of the three “trending” waves (i.e., waves-a, b, c).
This type of Triangle follows all the rules and variations of those previously listed. The unique aspect of this Triangular sub-category is that the alternation that is normally present in a Triangle (based on which wave is the longest) is reversed. This creates a VERY strange looking formation that can be very difficult to anticipate (at least if your experience is primarily in the 80’s bull market, which had a completely different character). The only early warning behavior characteristic I have been able to find relates to wave-b. When the b-wave of what looks like a Zigzag takes less time than waves-a or c, an Extracting Triangle is likely.

Notice that the upwaves (designated by up arrows) continuously contract from left to right - a contracting bias - while the down arrows show an expanding bias.
This pattern takes on a strange and difficult to interpret structure that is usually discovered only after its conclusion (or shortly before conclusion if the pattern is large enough). This is what an Extracting Triangle looks like. These are its characteristics. Here are some examples.
5th Failure Terminals

These patterns basically mimic 3rd Extension Impulse patterns, except waves-2 and 4 overlap and the internal structure of each move is corrective, not Impulsive.

Notice the conclusion point of wave-5, it is right on the Fibonacci level.

Fibonacci Resistance
Established by larger degree formations
NEoWave™ Behavior Discoveries

• Expanding Triangles (spike at extremes)

• Neutral Triangles (even distribution of behavior)

• Extracting Triangles
• 5th Failure Terminals (Supplemental price)

• 5th Failure Terminals (severe alternation)

• Common BEHAVIOR mistakes associated with Impulsions
Expanding Triangles have a strong tendency to "spike" when reaching the highest or lowest point of the termination of each wave. This creates an identifiable characteristic that can be used to identify their existence in almost any market situation. Observation. Detection of this behavior (price action "spiking" near the extremes) can help you decide what kind of environment the market is in even when an exact wave count is not obvious.
Neutral Triangles are some of the calmest, most consistently behaving patterns under NEoWave™ Theory. If the market’s behavior and style is not changing much, even if the market is covering a lot of price and time territory, that is the environment of a Neutral Triangle.
Extracting Triangles

The thrust out of an Extracting triangle is not as violent as that experienced by a Contracting Triangle, but not as slow as that of an Expanding Triangle. Based on our previous discussions, it should be obvious that the market environment this pattern creates is that of a neutral bias.

Each successive decline is smaller in price. Each successive rally is larger in price. This is the type of behavior that characterizes an Extracting Triangle. The most important trait of this pattern appears to be that wave-D is always larger than wave-C and is usually the most complicated wave in the pattern from a visual standpoint.
All Terminals (and Triangles) experience what I call Supplemental Price and Time action. That is when the market goes slightly beyond the best calculated price and time zones, only to reverse and do what was originally expected. Unfortunately, it is right at the end of this pattern that the average trader gives up, reverses his position, only to be stopped out. Shortly thereafter, the large trend he was predicting ends up happening WITHOUT him.

Fibonacci Resistance Established by larger degree formations

Notice the conclusion point of wave-5, it is right on the Fibonacci level
This is among the strangest and most difficult to decipher patterns under NEoWave™ Theory. They are difficult to be sure of even AFTER they have completed. The pattern is so warped by the extreme differences in size between waves 2 & 4 that it is frequently only possible to identify them well after their conclusion.

Notice the obvious differences between waves-2 and 4 in price/time and complexity. This is a critical feature of 5th Failure Terminals.
Common BEHAVIOR mistakes associated with Impulsions

Second advance takes too much time in relation to corrective phase

Second advance too violent, trend starts at circled point

Wave-C (or 3) has not taken enough time. It should be about half of A+B (1+2)

Copyright © 1995 by Glenn Neely
NEoWave™ Patterns
NEoWave™ Patterns
Extracting Formation

Each successive decline is smaller in price. Each successive rally is larger in price. This is the type of behavior that characterizes an Extracting Triangle. The most important trait of this pattern appears to be that wave-D is always larger than wave-C and is usually the most complicated wave in the pattern from a visual standpoint.
Diametric Formation
Neutral Triangle

Wave-C is the longest wave in the direction of the trend. Wave-d is the longest wave against the trend is usually the longest wave of the entire pattern.

During this period, the trend is down
NEoWave™ Patterns - Revealed