

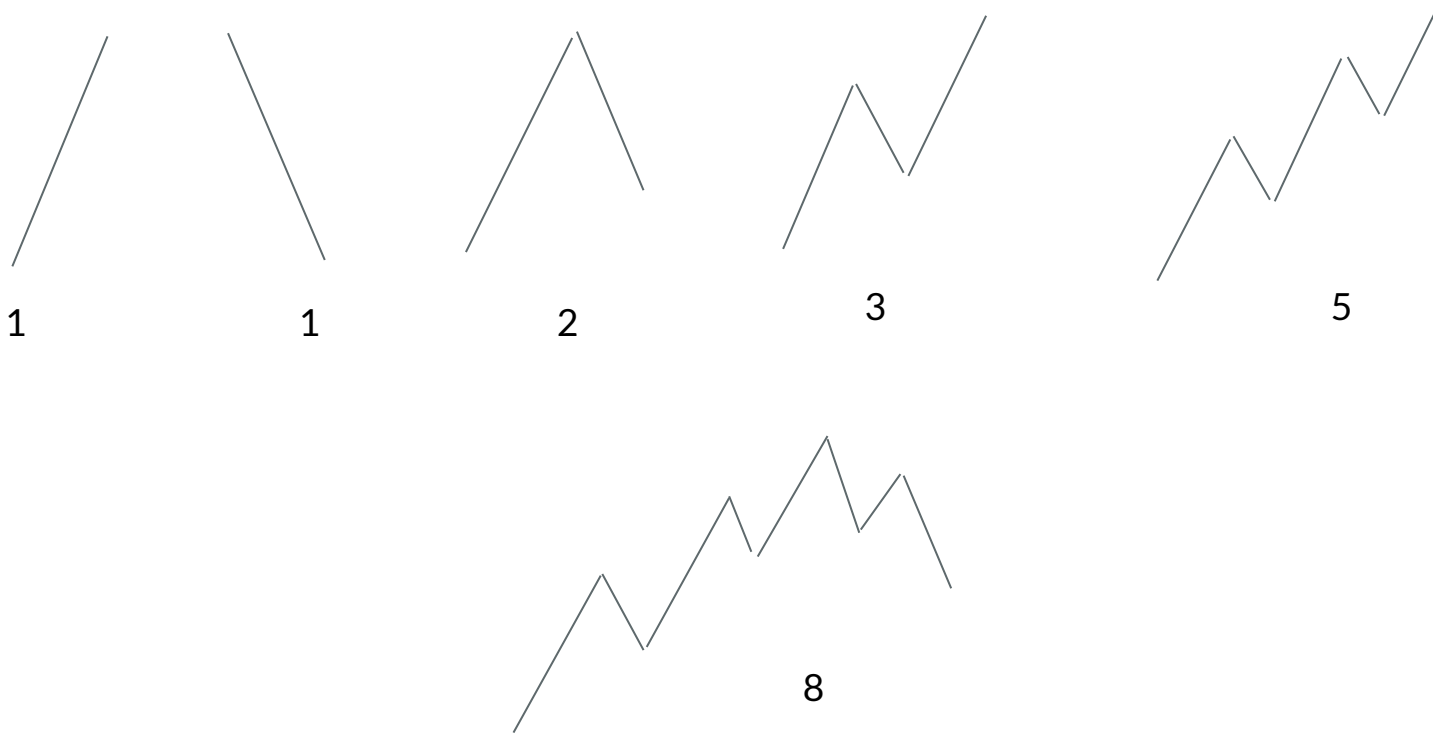
## Part 8



# Fibs and Ratios

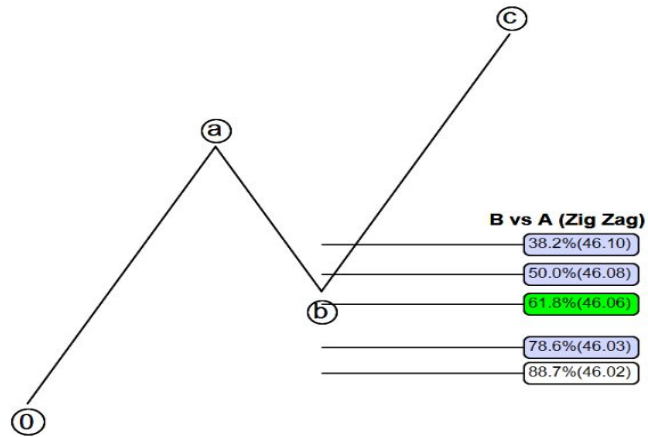
- What we call “fibs” come from 13th century mathematician Leonardo Fibonacci (Pisa) 1170- discovered the Fibonacci sequence (Liber Abaci, Practica Geometrie, Liber Quadratorum)- this provides the mathematical basis for the Wave Principle
- 1,1,2,3,5,8,13,21,34,55,89,144,233,377,610,987,1597 ...infinity
- The ratio between any numbers that are next to each other is .618 or 1.618 , between alternate numbers is .382 and 2.618 ( .786 is the square root of .618 / 1.27 is the square root of 1.618)
- The Fibonacci Ratio is a fundamental law of geometric progression in which two preceding units are summed to create the next
- Golden Ratio .618 and 1.618 ( it's the most pleasing proportion , we find it all over nature in DNA, music, art, architecture, cosmos)
- The markets are not random and formless, they reflect the progress of man.
- The technical approaches to understanding the markets depend on the principle of order and form.
- Ratio analysis explains the proportions in time and amplitude between the waves
- The Wave Principle runs on the premise that the same law that governs the creatures and galaxies, it's also in the mind and activities of masses of men. ( Einstein “God does not play dice with the universe”)

# Completing a Fibonacci Sequence

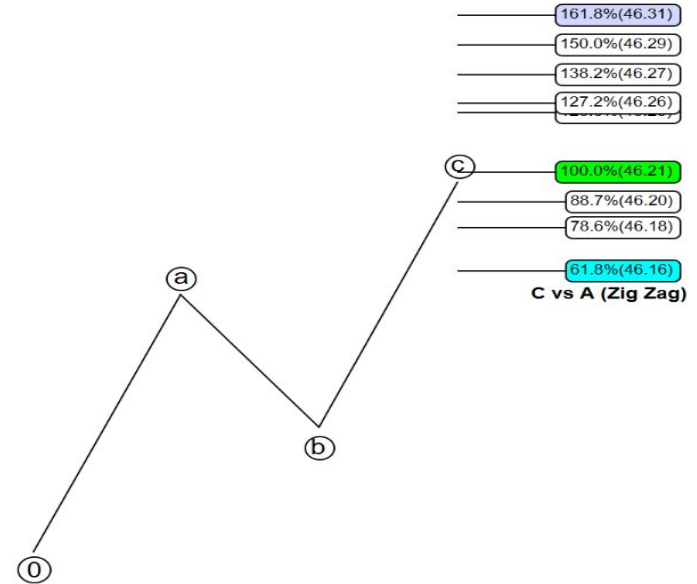


*The waves produce the FS- this reveals that man's collectively expressed emotions are keyed to this mathematical law of nature*

# Fib Ratios

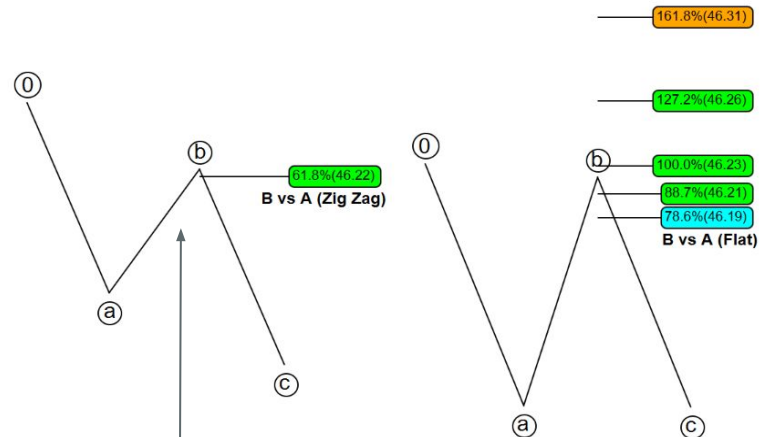
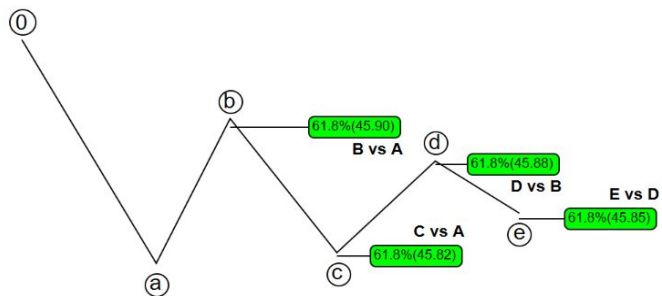
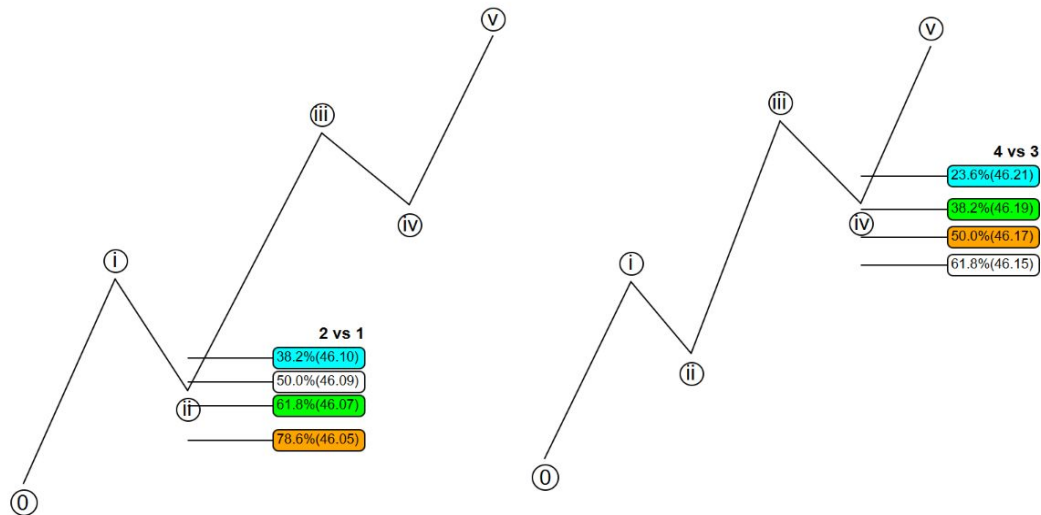


Retracements



Multiples

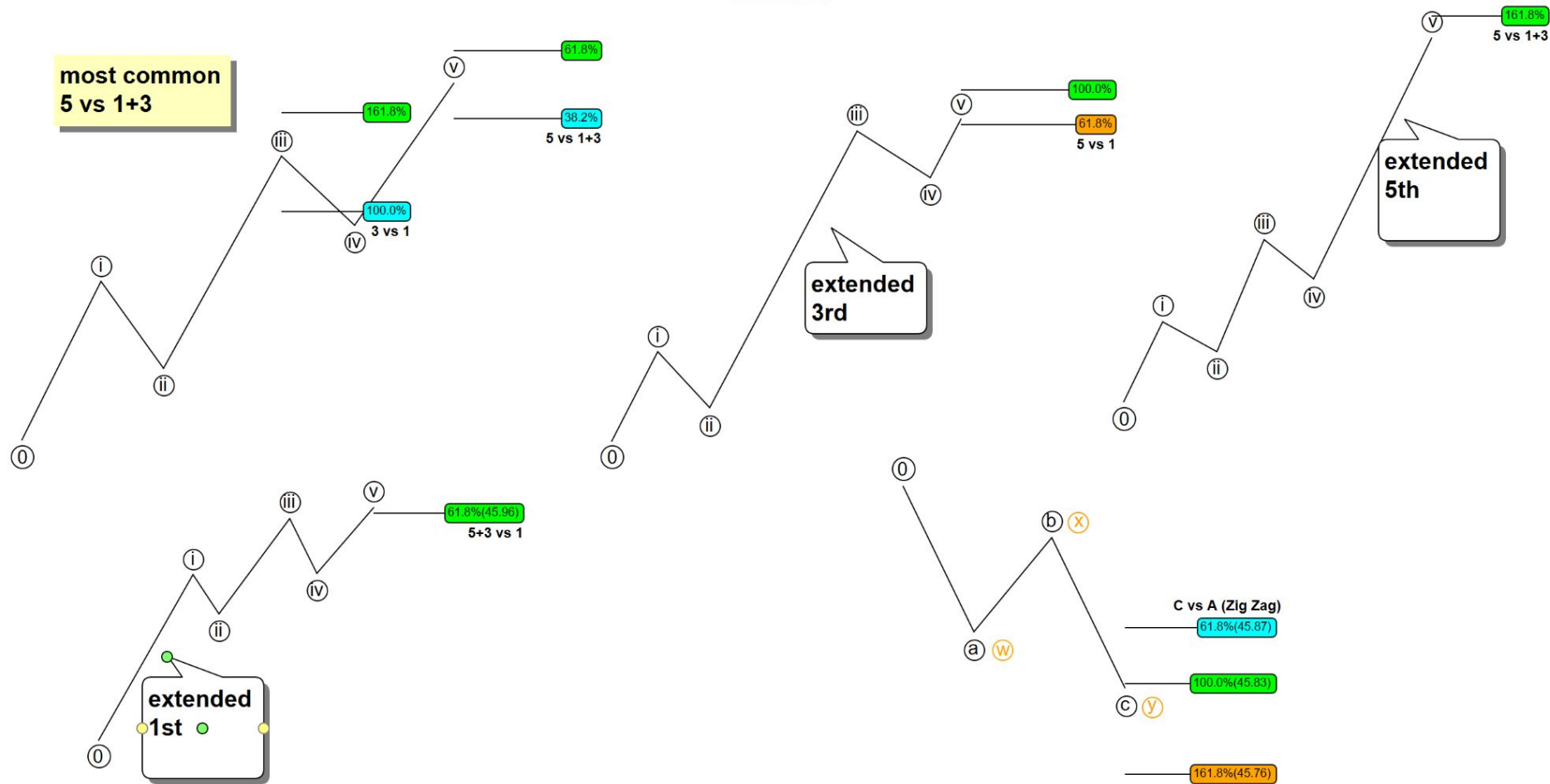
# Retracement fibs



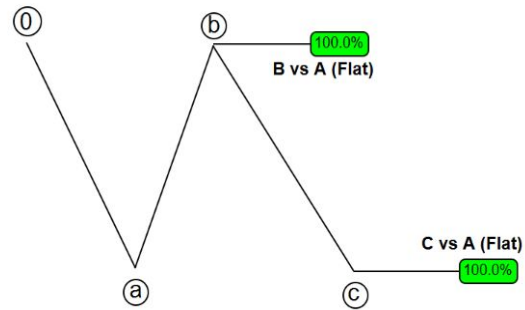
Wave B %

Zigzag	50-79
Triangle	38-50
Running T	10-40
Flat	38-79
Combo	38-50

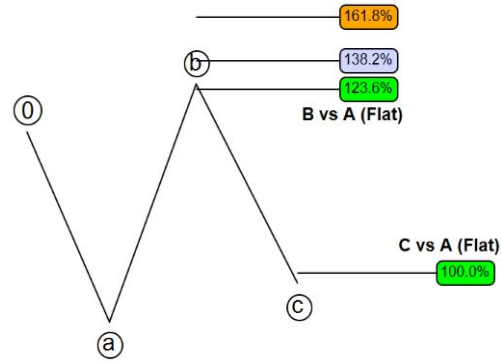
# Multiples fibs - impulse and zigzag



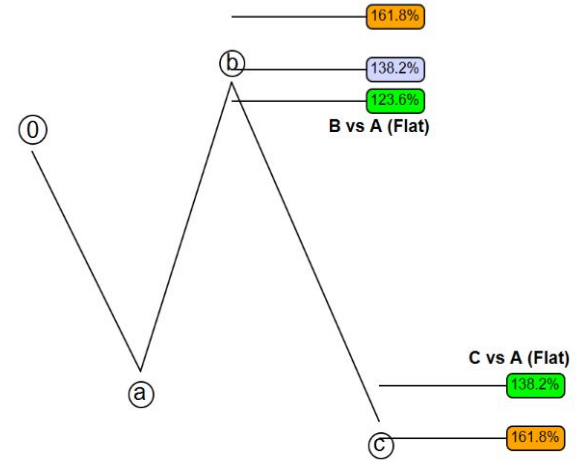
# Multiples fibs - flats



regular  
flat



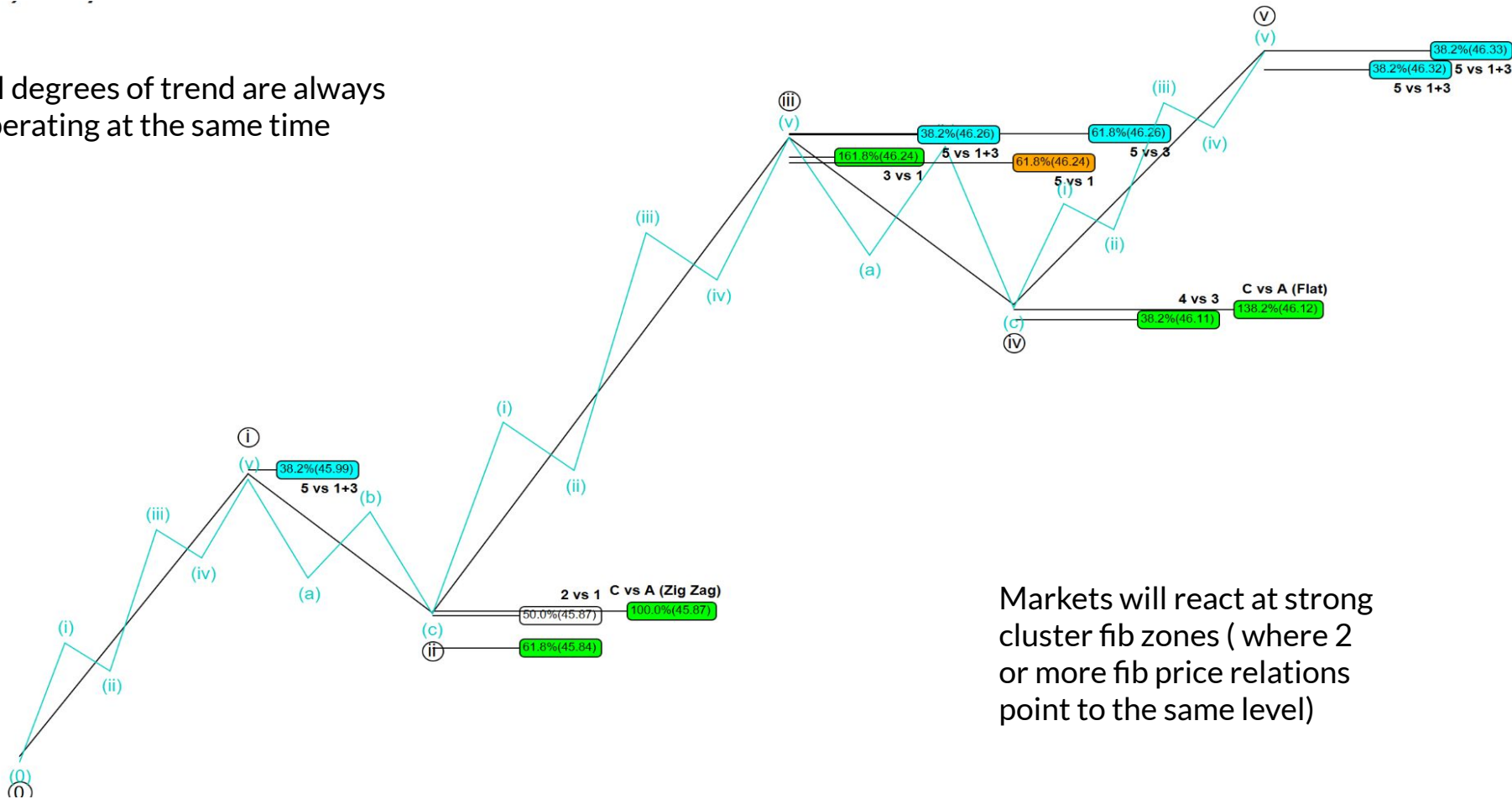
running  
flat



expanded  
flat

## Fib clusters / Wave relations

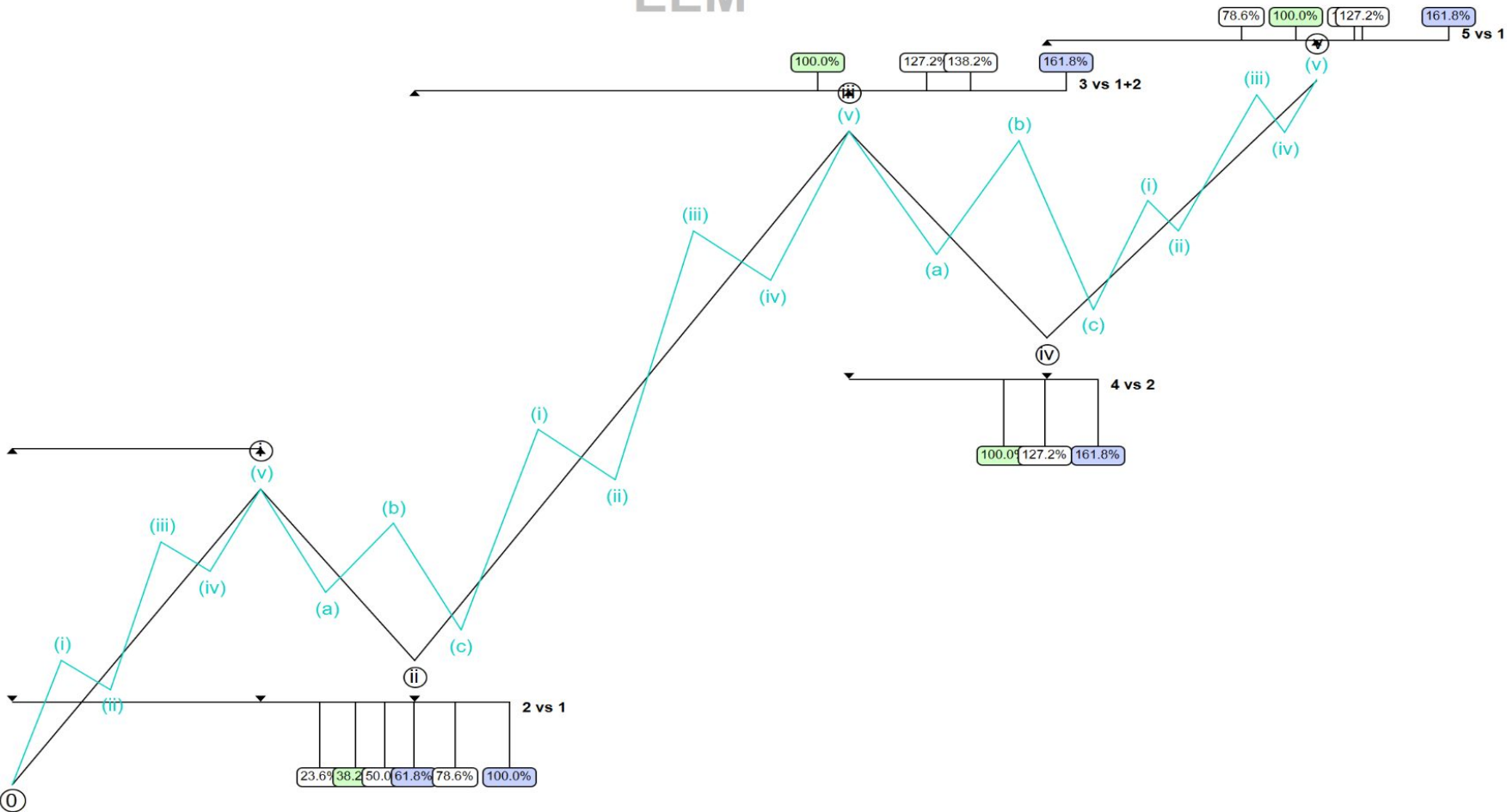
All degrees of trend are always operating at the same time



Markets will react at strong cluster fib zones ( where 2 or more fib price relations point to the same level)



# Fibs and Time





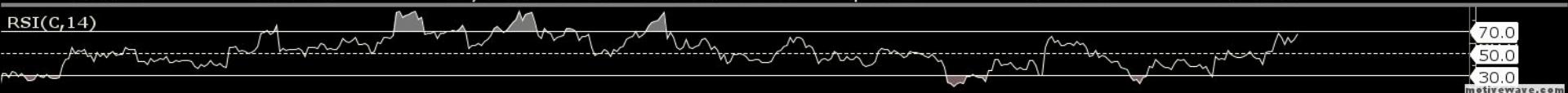
Red  
Count

# BTC/USD



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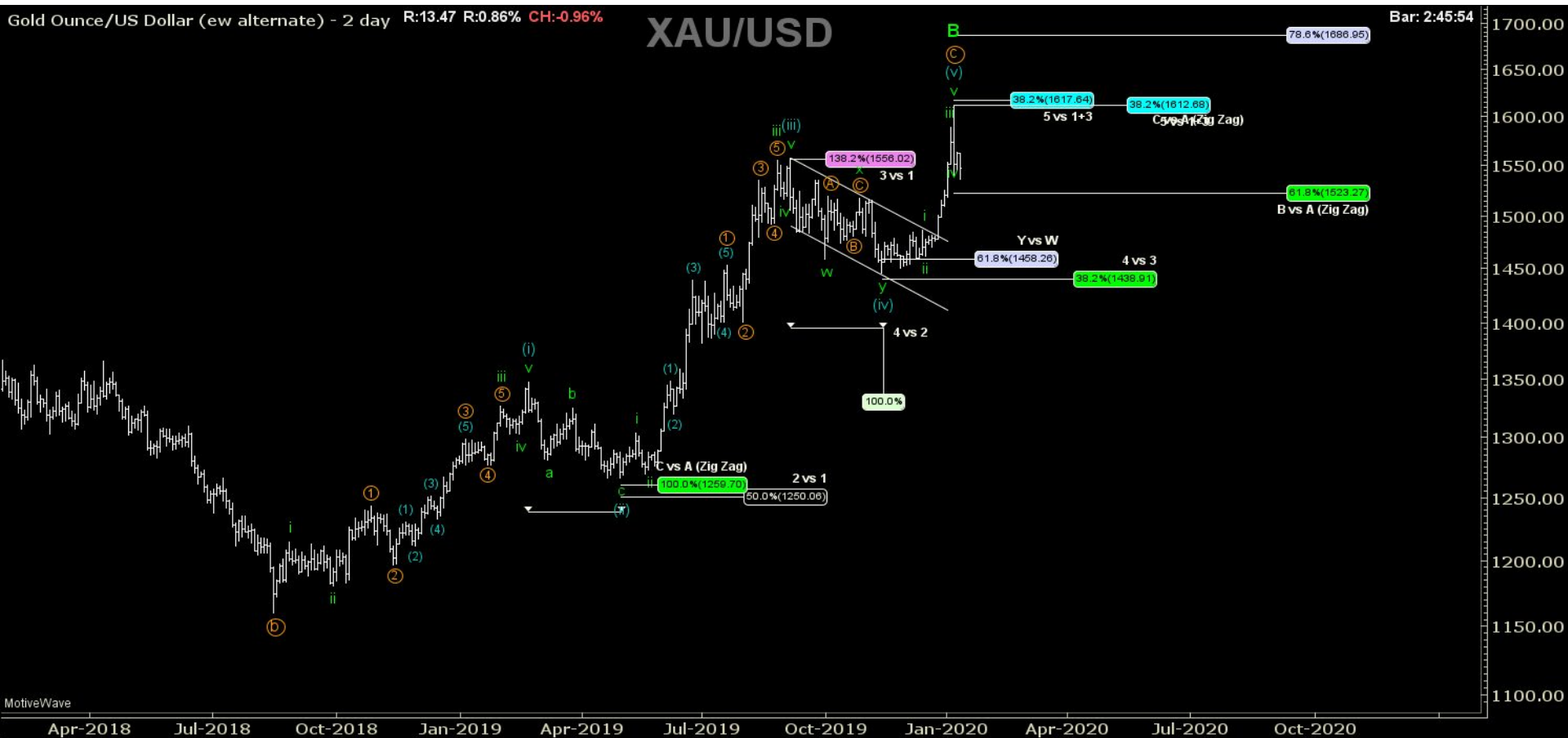
RSI(C,14)



Gold Ounce/US Dollar (ew alternate) - 2 day R:13.47 R:0.86% CH:-0.96%

# XAU/USD

Bar: 2:45:54



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RSI(C,14)

80.0  
70.0  
50.0  
30.0

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