Summing of Units, Duos, Trios, Quattros+ (SUDTQ+)

This chapter is included a little premature in the book, because you will not yet understand all the context about it yet, but it will help understand everything much better as we go along, so it will all be confirmed later on in/with the analyses.

A practical beginner's guide to tracing 396 number paths

1. What is SUDTQ+? SUDTQ+ = Summing of Units, Duos, Trios, Quattros+ So the corrected definition is: S = Summing U = Units D = Duos T = Trios Q = Quattros and + = higher groupings, residues, mirrors, ring closures, unit bridges, and path logic. So, SUDTQ+ is the Summing of Units, Duos, Trios, Quattros, and higher path-structures inside a number-string. So the "+"' in SUDTQ+ stand for the above groupings: quintets, sextets, septets, octets, etc.

Even better in the 396 brick-road language: SUDTQ+ traces how a number-string transforms through the summing of units, duos, trios, quattros, and higher grouped structures, while preserving residues, mirrors, mid-patterns, bridges, and terminal closures. SUDTQ+ studies how a number-string transforms when you group, sum, reduce, mirror, purge, or reshuffle its internal parts. It is not only "digit sum." It is not only "numerology." It is a path-tracing method.

The goal is to discover whether a number-string carries one or more known 396 structures, such as: 147, 258, 369, 2358, 1984, 37, 21, 69, 96, 36, 360, 100, etc. But the key upgrade is: The important structure may appear at the beginning, in the middle, or at the end of the path. So you must preserve the whole trace.

2. Why SUDTQ+ matters in the 396 framework In the 396 framework, numbers are not treated as dead labels. A number can function as: • a boundary; • a hinge; • a filter; • a stress point; • a resonance marker; • a path transition; • a moral-routing signature; • a cycle marker; • or a bridge between symbolic string-logic and classical math.

For example: Mercury rotation = 1407.6 hours A normal scan might only say: "1407.6 is close to 1408. Nothing special." But SUDTQ+ sees: 1407.6 → 147|6 → 36 Then classic math confirms: 1407.6 ÷ 36 = 39.1 And unit conversion gives: 1407.6 × 3600 = 5,067,360 seconds Now suddenly the same value reveals: 147, 36, 360, 936, 9-12-6 stress structure That is not a single target hit. That is a path-trace.

3. The core principle The beginner rule: Do not only ask: "Does this number contain a target?" Ask: "What path does this number travel?" A number can reveal itself through:

3.1. direct substrings;

3.2. duo sums;

3.3. trio sums;

3.4. quattros+;

3.5. zero-purge;

3.6. 9-purge;

3.7. residues;

3.8. ring closures;

3.9. mirror/reversal;

3.10. permutation;

3.11. natural unit conversion;

3.12. mid-patterns;

3.13. terminal reduction;

3.14. row-level comparison. The whole path matters.

4. Official target list used in our current scan This is the working list we locked for the celestial/planetary analysis.

Core unit / hinge targets • 9 • 11 • 21 • 37

Trio targets • 147 • 258 • 369 • 137 • 237 • 322

Quattro / higher targets • 1467 • 2358 • 2322 • 1984

Mirror / path targets • 171 • 181 • 191

ENS / GNS / stress targets • 666 • 999

Duo hinges • 69 • 96 • 55 • 50 • 26 • 62

Cycle targets • 36 • 60 • 360 • 3600 • 100

This list can grow later, but for testing it should be frozen before analysis. That prevents "cooking the books."

5. The three main tiers

Tier 1 — Direct hit: A target appears directly in the string. Examples: 1347 → 147, 2019 → 21, Earth perihelion 147.1 → 147. Tier 1 is the easiest to test statistically.

Tier 2 — One simple SUDTQ+ operation A target appears after one clean operation: • zero-purge; • 9-purge; • duo sum; • trio sum; • ring closure; • residue; • reversal; • simple permutation; • decimal removal; • natural unit conversion. Examples: 1720 → 172 → 1+2 = 3

with 7 → 37, 1957 → 967 → 13 → 4, Uranus rotation 17.2 → 172 → 37, Mars orbit 687 → 6+8+7 = 21. Tier 2 is valid, but the operation must be clear and consistently allowed.

Tier 3 — Full path-trace / deep SUDTQ+ This is where the number travels through multiple steps, and important structures appear along the way. Example: Saturn orbit seconds: 928,540,800 Path: 928540800 → 928|5|40800 → 9|28|5|48 → 91|5|48 → 19845 → 999 Here the important hit is not obvious from the raw number. The signal appears in the mid-path. Tier 3 is powerful, but it requires expert care because it can become too flexible if not disciplined.

6. Allowed operations

6.1 Decimal removal Decimal points can be ignored for string reading. Example: 27.322 → 27322 This is allowed because the decimal point is a measurement separator, not a digit.

6.2 Zero-purge Zeros are morally neutral and may be removed or treated as spacers. Example: 1407.6 → 1476 Then: 147|6 → 36. But 0 is neutral only when it functions as neutral. When it is part of a meaningful structure, cycle boundary, rhythmic pattern, or protected signature, it must stay in the path.

6.3 The 9-purge. The 9 can act as a completion / collapse / purge digit. Example: 923 → 23 or: 123945 → 12345. This can/may be done because 9 does not change the digital-root unit base, which in this framework carries the moral base-state. Example: 14 -> Unit base 1+4 = 5, now add 9: 14 + 9 = 23 -> 2 + 3 = also unit base 5, so adding or subtracting 9 does not change the digital root of the number. The 9 often marks closure, collapse, or terminalization.

BUT: 9 is neutral only when it functions as neutral. When it is part of a living pair like 69, a gateway like 99/999, or a core signature like 396 / 639 / 936, it must stay in the path. So, a digit is not judged by value alone, but by role. The 9 can be purgeable when it acts like a neutral completion marker, but it must stay when it carries polarity, gateway, balance, or signature function. Which means that (for example) 666 is not always evil and that 9-filtering is not always allowed. The path decides.

6.4 Duo sum Two digits can be summed. Example: 57 → 5+7 = 12 → 3 Then: 57,960 → 3|960 → 396 This is how Neptune rotation seconds reveals 396.

6.5 Trio sum Three digits can be summed. Example: 687 → 6+8+7 = 21 Mars orbit gives a 21 boundary.

6.6 Ring closure A number can “close” by combining outer or internal parts. Example: 172 → 1+2 = 3, with 7 → 37 This reveals the 37 hinge.

6.7 Residue A leftover digit can matter. Example: 147|6 147 → 1+4+7 = 12 → 3 Residue 6 completes: 36 The residue is not garbage. It can be the missing hinge.

6.8 Mirrored / reversed forms A string can be read in reverse or mirrored. Example: 38520 reversed → 02583 → 2583 This reveals 258 inside Saturn rotation seconds.

6.9 Permutations Certain target sets may appear as permutations. Example: 5832 is a permutation of 2358 So Venus rotation: 5832.5 → 58325 can be read as the GNS quattro 2358, and even as the higher 23585 master quintet.

6.10 Natural unit conversion This is very important. Values can be converted only through natural, fixed measurement relationships: • hours → minutes; • hours → seconds; • days → hours; • days → seconds; • years → days; • circle → degrees; • orbit → cycle count; • distance → standard unit layers. Example: 1407.6 hours × 3600 = 5,067,360 seconds Because 3600 seconds per hour is not arbitrary. It is a natural time bridge.

7. What is a "mid-pattern"? A mid-pattern is a meaningful 396 structure that appears during the transformation path, not necessarily at the raw beginning or final end. This is one of the most important things we learned.

Examples: Venus orbit seconds 19,414,080 Path: 19414080 → 19|414|8 → 1984|14 → 19845 → 999->9. The major mid-pattern is: 1984 Saturn orbit seconds 928,540,800 Path: 928540800 → 928|5|40800 → 9|28|5|48 → 91|5|48 → 19845 → 999 The major mid-pattern is: 19845 Neptune orbit seconds 5,166,720,000 Path: 5166720000 → 5166|72 → 6669 → 99 → 9 The major mid-pattern is: 6669 Mercury rotation seconds 5,067,360 Path: 5067360 → 567|36 → 117|36 → 936 The major mid-pattern is: 936 Uranus rotation seconds 61,920 Path: 61920 → 6129 → 639 The major mid-pattern is: 639 These are not "final answers." They are road bricks.

8. The brick-road model This is the easiest way to understand SUDTQ+. A number has: Road signs Direct obvious target hits. Example: 1347 contains 147 Road bricks Mid-patterns inside the transformation path. Example: 928540800 → 19845 Bridges Natural unit conversions or classic math that connect one layer to another. Example: 1407.6 h → seconds → 5,067,360 Destination The final reduction or terminal closure. Example: 6669 → 99 → 9 The mistake is to only look at road signs or only the destination. The correct method is: Trace the road.

9. The Full Path-Trace Procedure This is the new standard procedure.

Step 1 — Record the raw value Example: Mercury rotation = 1407.6 hours Do not change it yet.

Step 2 — Remove formatting separators Ignore decimal point if needed: 1407.6 → 14076

Step 3 — Check direct targets Does the raw string contain: 147, 258, 369, 1984, 2358, 322, 21, 37, 69, 96, etc.? If yes, record Tier 1.

Step 4 — Apply zero-purge and 9-purge Example: 14076 → zero-purge → 1476

Step 5 — Group into units / duos / trios / quattros Example: 1476 → 147|6

Step 6 — Sum relevant groups Example: 147 → 1+4+7 = 12 → 3

Step 7 — Preserve residue Example: Residue 6 remains. So: 3 + residue 6 → 36

Step 8 — Check mirror / reverse Example: 38520 reversed → 02583 → 2583

Step 9 — Check natural unit conversions Example: hours → minutes → seconds Mercury: 1407.6 h → 84,456 min → 5,067,360 s

Step 10 — Look for mid-patterns Example: 5067360 → 567|36 → 117|36 → 936

Step 11 — Compare across the same row Do not only compare planet by planet. Compare: • all rotations in hours; • all rotations in minutes; • all rotations in seconds; • all orbital periods in days; • all orbital periods in seconds; • all distances; • all perihelions; • all aphelions. This is how row-patterns appear.

Step 12 — Score the result Strongest hits are multi-layer convergence hits. A result is stronger when: • raw string has a target; • SUDTQ+ path gives a target; • natural unit conversion gives a related target; • classic cycle math confirms it; • same pattern appears in other bodies or rows. Mercury is strong because it gives: SUDTQ+ 36 classic 36 divisor seconds 360 family

10. Key examples for beginners

Example 1 — Mercury rotation Raw: 1407.6 h Decimal ignored: 14076 Zero-purge: 1476 Group: 147|6 Sum: 1+4+7 = 12 → 3 Residue: 6 Result: 36 Classic check: 1407.6 ÷ 36 = 39.1 Seconds: 1407.6 × 3600 = 5,067,360 Path: 5067360 → 567|36 → 117|36 → 936 Interpretation: Mercury bridges SUDTQ+ and classic cycle math.

Example 2 — Venus rotation Raw: 5832.5 h Decimal ignored: 58325 Core: 5832 Permutation: 5832 → 2358 Full quintet: 58325 → 23585 Interpretation: Venus rotation carries the GNS quattro and master GNS quintet.

Example 3 — Moon orbit Raw: 27.322 days Decimal ignored: 27322 Path A: 273|22 • 273 = LNS-style trio • 237 = master filter trio by reshuffle • 22 = stress pair from 9-12-6-2-2 Path B: 2+7 = 9, with 322 → 9322 Interpretation: Moon orbit combines 273/237, 22, and 322.

Example 4 — Saturn orbit seconds Raw: 928,540,800 Zero grouping: 928|5|40800 Path: 928|5|40800 → 9|28|5|48 → 91|5|48 → 19845 Then: 19845 → 999 Interpretation

So, number strings need to be layered in units; duos, trios, etc. The start number is always preserved in the main start string. But on the individual layers/levels, the paths are created with the swap/sum/ring closure mechanisms. That is why the SUDTQ+ math is very flexible, but thanks to the reverse-tracible layers/levels you can ‘puzzle’ the number within the algorithms.

The S in SUDTQ+ is Sums so the main rule is that you can use the different levels to start a sudoku of summing Units, Duos, Trios, Quattros and the + is everything above (Quintet, Sextets, …) on each level individually, but also in between layers. Each step in that creates the entire collapse or expand path of the numbers used in the algorithms. The provenance can be used to ‘go back in time’ and reconstruct the original number string at the starting point of the algorithms for that string.

This is why sometimes you get the impression that you ‘can just do anything with the number string’, like ‘anything goes’ and cherry pick the desired outcome without any rules. That is not

the case of course, but because you work multi-level, it can sometimes look that way. But the 396 math rules do constraint and are strict, but there are many of them and the mixing of the layers does create a lot of possibilities for the paths the number string can follow.

That's why I call it 'resonance math' sometimes, the duos, trios, quattros etc. emerge and the layers are shifted to stick them together into the output string which is then used again as input in the main big number string of one or more algorithms which use this initial number string. It is very likely that the different paths of the number strings are simultaneously calculated by the matrix, leading to different outcomes but always with the same unit base matrix number. A base Eight will aways be a base Eight, and that is true for all 10 (0-9) numbers. I hope this makes sense, but I think it's correct; I follow the paths in my mind.

So you must start summing and swapping the units, duos, trios,.. to find the right paths, and then the context of the string (or some other algorithm collapse mechanism) decides whether that number-string is closed, or remains open connected to its adjacent strings. If it is closed, the following mechanisms can be used to close it:

- Magnetic: just concatenate and close the ring like for example 372 -> 237 with a clockwise shift 'turn' on the ring to start at 2 instead of 3). In this case the natural order of the number 3-7-2 is preserved, just the ring starting position is shifted to the right.
- Flipped: with a 'click-lock' switch of the border numbers like in the major result 5891394 -> 4891 395 where 5 and 4 swap places to click-close the ring. In this number this generates the inverted 1984 and the 395 Matrix-word number.
- Summed (ex. 12345 -> 2346 or 6234), making a sum of both number ends, closing the ring by removing a number, fusing / summing both end-cells together into a fat summed cell which sums / welds the ring together.

This combination of the:

- Summing,
- Grouping,
- Shifting,
- Collapsing & Ascending, (through anchor points like 9 & 11 on unit & bridge to duo level, and 26/62,50/55,69/96 on the duo level, 147-258-369 on the trio level (also the 1x1 trios like 111, 161 (the trio level of 26), 171, 191, etc), and the ENS 1467 and GNS 2358 on the quattro level. You do not need more than 10000 numbers (0-9999) to create the entire matrix main algorithm, because the GNS and ENS fit into that: 1467 (highest: 7641) vs 2358 (highest: 8532) with the main target (the filter) being 1984/4891, which has at its highest alternate is 9841, still below 9999)
- Turning, (for example, used in ring closures to choose a new starting position for the number string ring. Once that start position has clicked in, the number ring can unfold into a fixed flat number string again, once the ring-algorithm has turned 😊)
- Ring closure rules and layers,

means you can almost always perform everything with numbers using the classic SUDTQ+ math operations without needing to perform 'wild' out of logic calculations (which break the math) in the framework to find/create the required paths for the entire string.