Design Notes v. [1.02]-{2.1} {*03'*}

Paris (*s.*) Miles-Brenden

General Setting

It is hoped that by tuning the 'clock to diminish in period' a certain *static pattern can be set up. Among designs, and of what is noted here, there is a *particular relationship to do with tan(\delta) and the variety of modes (sin(\delta)?) of which set up internal reflection for the various modes, or – alternatively; a switchable interference. This should be the goal with the computer, whereas with the equipment, the goal should be the 'region and analog form' of-slits furnishing quantum (n) and (n+1) behaviors.

> If this 'sine' in acoustic mode and optical mode somehow behave differently, it is hypothesized all features become more easily accessible, or possible to begin with. I decided to take the \wp and P, for these as 'non-linear' and 'linear' terms and utilize *them* in a theorem of circuit comparative to innovate an **entirely-new method** beyond line-like analysis. **This is my Goal.**
>
> **My second goal:** I determined that the differential equations carry in some sense good and bad reduction, given the variety of algebraic expressions that result from coefficient terms and non-coefficient terms, and that these model flows that can connect discrete (in my setting) and non-discrete data of the signal to the lumped element analysis, then therefrom the network, and it's topology and graph.
>
> Third, there is a way [then] to utilize the program like a kind of battleship game, for which the players are random people, people who know each other, and of which is in some sense like a *massive* game of **Go**, on* [**Chess**], and of which in related specifics yields coordinate relation in an autonomy of player and social construct and arena, for particular configurations of real world ****Chess*** or ****Go*** and virtual static region.

These ideas mildly relate of the quantum computational revolution, act as a social bridge, are entertaining, and perfect strategy. In a different scheme they perfect the notion of treatment of patients in relation to 'colloquialism' and 'birefringent dichotomy' when numerical relations relate of symptomology, for symptomatic relations become studies of optics, seismology, and econometrics.

To solve this problem, via the 'net' – and it has or has not been resolved to strict means; I have found I need to solve the problem of indirect relationships, which hold(s) a rule of thumb (valid); a form of distinct judgable condition with chess, etc, and of-go; but does not hold a specific rule for the net, of which I (had) in my ignorance of a minor qualifier believed would be 'automatically' solved by the implementation of the equipment.

1.) The problem (dependent) is counted among in one-row and one-column by my code* and by my equipment, but only up-to 0-1. (Babbage).

a.) This brings to light the question of de'Morgan and Boolean logic, and as to the best way to encode 0-1 but* get(s) a complete pass. (Darwinian).

2.) The remainder of -7 on-step and (+/-) and the results of deRahm cohomology, 'orbit' and of the question of '2' can be implemented. (Mendelian).

Then, I had an entirely-new-thought on the equipment and chessboard design. This has nothing to do with feedback, but it does* have to do with noisy models.

I thought of a point-like sparse to dense volume and surface, with volumetric (at least two) manifold degrees; and the *synthesis and decoding of the data of the pieces, differential equations, and algebraic geometric equations. The problem of 'order' came from *the equipment, as I thought of making the most of what I had available.* This is the TMS320F28379D and not the LAUNCHXL-F28379D. I thought of the Ethernet, and decided to utilize a new model in-searching than a cable.

This involves the reduction from incomplete data of partial reconstruction of some-modes, and essentially, is motivated to have the board located elsewhere than the disc and equipment, as to a *table.* Algebraic geometry affords for certain simplifications, one of which is the following:

1.) Any p-adic (non-transinfinite) domain of module in divisor two, contains at least one (and only one) picard, point, plane, volume, or domain, and apex.

2.) Therefore, it hold(s) 2x0.1b translate over one domain by of differential to given geometric space, per a solution with ansatz & eigenmode of set theory.

Then, I thought of a comment on the superposition of-modes and dark and light. I am not capable at this juncture of dark and light modes, but of superposition, that is entirely potentiated, and will take the differential equation for it's variety of high level Keck cohomology, to resolve the discrepancy to at least two leaves.

Post the simplification *in conversion for higher-advanced deMorgan law(s) or rule(s) of geometry to Boolean* [in constrast with Binary* - as to emphasize cohomology]; of 1-2-0-4 and 3-8-5-0-1-4 there are a few resultant (2-1 step for these) relationships of analogical deduction and semantic inference for *a given syntactical input rule.*

1.) Conversative distinction and array between chemistry and biological diagnoses in relation to the measurement technique and apparatus and patient.

2.) Equatement of topological coordinate axes as these relate to conical and cylindrical to cube or orthorhombohedral De'Sarges and Dar'Boux functions.

3.) Game theoretic social model in novelty of negotiable procedure and unbiased (*linear-linear*) differential and integral motivations at cellular automata.

In closing, this design points the way to at least two discoveries. One, related to conventional computational equipment, admit(s) the design improvement of microchips in basic VLSI beyond CMOS and TTL logic, given elliptic pathways of two consigned [confirmed] transconductances. Secondly, given topological arguments, this device functions as a q-bit. Thus, shifting to a 'two fold channel transconductance model' plays further than two single pathways of logical bit.

The ***key** to designing q-bit(s) is the following:

a.) A p.q and q.p that commute, but p and q ***do not***, as to dictate uncertainty, of a dynamic process, made digital in two (**2**) channels of p+q and p-q, as raising and lowering operators.

1.) A manner of supression of the quadratic photonic law, absorptive into the components in conversion of the parabolic law into a linear law.

b.) Matching impedance such that the p.q and q.p transform given the elliptic (cubic polynomial) laws, such that all results of signal in and out are essentially linear sine, cosine, in (1-p.q); (1-q.p) and quotient.

This may indeed be hybridized with optical technology.
To get p.q and q.p to furnish diffraction as i/o from the chessboard requires a transistive (STM-ADC) on-output. Input is then furnished by SPI from the 'disc' to the Chessboard, of which the MUX can reason through 'obstacle in definitive piece selection to out to the disc'. This ADC line for the 8x8x8x8 furnishes then a truncated 2x2+2x2+0/1 for the pieces, of which must be prompted by an algorithmic and line moderation between the two equipment. The RISC then need be with the disc, and the ESP-32 'nano' can furnish it's own function and game-theoretic.

As a consequence 'input' is summarized to the computer and via the chessboard on the STM32 ADC bridge across SPI with decision process to the RISC-V, that is the master control unit. The RISC-V then needs a TDC or CLK. Then an excellent thing was learned. The CANBUS for parity can interlink for the 'low I2C' PWM for the piece of 2x2+2x2+0/1 in compatibility with the piece motions and MUX. Thus, we get 'ahead a step' or 'behind a step'; but it forms a loop. Thus, the Arduino-Q is somewhat superfluous; but for driving, and needs two 'Ethernet cables'. This brings the number of Ethernet to Five, with the STM32 and LaunchPad. This brings the USB to three, two for the Arduino-Q's and the RISC-V, or on the STM-32 and LaunchPad. There are 13 total USB, but in 'traversal' I will need six maximum (three to each computer).

The Arduino-Q is pre-programmed and nearly finalized to adopt the 'pitch'; thus it would be programmed and left in-place, but for Ethernet communications for the route-around to the basic STM and RISC-V. The LaunchPad is erroneous.

Thus, I need two USB-C to Ethernet, the Enclosure, a MUX-9 to replace the broken one, and an-ADC for what is really being compared; the STM32 and the RISC-V via input and output from the Chessboard. The I2C to CANBUS and TDC ESP-32 'nano's' need connect back to the Arduino-Q, but this happens as a result of decisions in the pre-programmed 'nano' over CANBUS. Thus, I can anticipate needing to connect the CANBUS 'shield' to the Arduino-Q, and integrating with SPI (there is a barrier to overcome in conversion by the Q). Thus, in the end there is an ethernet to to the STM-32, the RISC-V, and two to the Q's; four. I am then left with no options but to centralize, but the SPI will indeed furnish isolation between the chessboard, it's ESP-32 NANO decisions, and the disc, and it' Arduino-Q decisions and Arduino ESP-32 decisions.

The general 'T' of the transistor in relation to bit and byte need be understood, for the conversion of the disc and it's support; to which the basic device furnishes linear-bit and diffraction element's with the SPI and the alternative of the RISC-V, for the varietal digitization-alias-analysis. The idea is to relate of 'moment's' of probability in relation to logic, groups, and cellular automata.

The given device, has anharmonic ratios, of which are discerned from quantum mechanics in quantum circuits (therefrom SQUID's and Josephson Junctions and Toeffeli Gates or Laundau), given the aspectral specificity compared to insulator (for of which conducts an Aharanov-Bohm continuum) and conductor (for of which conducts Mott-states) as to Peirls isolation related to a vacuum and mutual parallel-transverse cross-specificity of specific weight of frequency (resultant Kerr tertiary inductance) and transconductance of the Peirls square-atypified phosophoresence of degree per incline of reduced (carrier protonic and atomic dopant); to which the frequency second degree homogeniety differs in contrast of second derivate of pathwise exclusion then discontinuous unlike pathwise charge.

It remains a kind of gyroscopic motion when correctly configured in the setting of wiring. I thought about cause and effect as they relate of it's shape and geometry, and found that there are two kinds of input and output, one of which is computational and one of which is wired, and additionally a small-setting of the switches can generate a general homogeneous like flattened 'orb of radiation' in hue like orange and chartreuse. In configuration it then holds that 'many' would link and scintillate through a vacuum like a muon. This asymptotic freedom is unconventional, thus I have thought of new methods at developing beyond this point. Much has come down to timing of various features, and it is essentially like when I built my first ***motor**.

I will need re-frame whether it is an-actual p.q or uncertainty relationship, but I see how the basic timing is indeed similar, for that of the second photonic driven mode. Clearly, it is not on the scale of an atom, but it is indeed representing confinement, and the driven functions appear to be related to a Lame system.

As each 'Bessel to Airy transition' depend(s) on a frequency to voltage conversion and *these are logic to the negative feedback; 'changes' are of one of two types:

a.) <p>.q^{2} and <q>.p^{2} [the current rendition].
b.) Transitions of static event's.

***All six limit(s) of aA and Bb and Ba... etc....** (without crossover respecting the topology); are explained by a KP with Inozemtsev *coupled to a NLSE (2x)*.
Additionally, the ideal, the Bessel combinatorics (transition?), the quantum (2x) are answered, as the result of p-q and q.p, etc, in the square (the double slit Pauli-principle guarantees statistical interference).