

### Further Electronics Notes as to Determination of Final Properties of the Design:

Paris S. Miles-Brenden

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A few steps need be taken in order to fully clarify and confirm properties of the design, as for:

- 1.) Confirmation of the correct wiring of the device.
- 2.) Confirmation of the detection and discernibility of one, two and more presses.
- 3.) Confirmation of the implementation of electromagnetic theory as an active hologram.

The passive quality attributable to that which is the addition of two later stages in the later design with reference to the earlier design is a free condition for the impedance to electromagnetic field condition. The prior electromagnetic design (v. 2.0) in relation to the final design (v 3.0) are therefore predictive in the natures of their independent implementations as an attribute of the philosophy of electromagnetism and conventional circuit theory and physically known electromagnetic components.

This is true as the validity of the formative conclusion from the detection of a prior normalized distribution is within it's capacity fully independent of the even earlier normalized distribution exclusively unto distinguishability of mutual and independent normalized distributions as independently correlated.

In v. 2.0 these distributions were only distinguishable upon order under superposition and persistence through temporal delay and interval of prior to later press touch. As a consequence of the simplicity of the design the two mutual normalized distributions were only determinable as one 'intermediate' normalized distribution. This is the foundation of the compatibility of the design from v. 2.0 to v. 3.0.

Now, it is predicted that they will be mutually discernible as separable distributions for the following reasons...

The central impedance freedom principle as it relates to the photodiode input and output as bridged across stages or in parallel with the touchscreen was hence predictive for the later design as a consequence of the same design element implementation of impedance matching and mirroring; since this would not change from one design to the next. Secondly, the reversal of the output to input under an encompassing relation with respect to an encompassed relation admits the separability of design.

The natural assumption is that with one similarity of a precise nature and one difference of a precise nature that the two designs are mutually passive and therefore predictive through design. This principle admits the property that the correct wiring is determinable through measurement of multiple presses and hence confirmable; although the holographic nature does not admit any such nature of determination of other than an empty relationship.

Under confirmability of the design relation for later stages; these are therefore a separate confirmable consideration to be made, and hence the considerations of either design are separable from each other, and the later design for the sake of its predictive implementation follow a different but not so dissimilar principle to that of the earlier implementation for the sake of the two different circuit designs from the earlier design to the later; under the guidance of impedance and electromagnetic field ohmic and cyclic impedance freedom.

Hence it is freely admissible that the earlier design not only implies properties of the earlier design but so too is it true that they remain independent realizations as it pertains to portions of the latter design elements and its components. This is where theory meets practice; and where electronics design becomes predictive from one circuit to another.

It is in a sense that the circuit design of the later device under the guidance of the aforementioned principles is free in relation to prior design relationships yet implicated by them through the process of design. This is also an electromagnetic circuit design principle of reverse **hardware** compatibility when interpreted correctly by the process of design so followed and implemented.

This admits the possibility of confirmability of the correct wiring by the discernibility of at least three presses as a consequence of the hidden nature of two under v. 2.0 and neither that of independence nor dependence of comutual normalized distributions. As a final consequence the difference so formative of a 'hologram' and a mere implementation of 'holographic' principle is revealed, despite its absolute impenetrability.

Therefore, there exists a point within the theory of electromagnetic circuit design in general which is empty between any two different complimentary designs. It is implied by the alternative limit of electromagnetic design, which is the approach by way of extrapolation of known circuit component properties into current and voltage relationships.

This separates the logical properties of either device implementation under the guidance of theory utilized to implement circuit theory, and joins the implementation of their physical circuit implementation. This is exclusive to; under example of prior and later design when the principle of current mirroring and voltage matching are implemented; for then impedance and electromagnetic wave properties become independent.

The properties of the later device are therefore in general decidable from an initial device by linearization of collector to emitter and base to emitter. Therefore, the principle of matching and mirroring is seamless and predictive for the later design; under consideration that this property is preserved from the earlier design to the later design; despite the fact there are additional components. This is the result of following the implication of the principle of current mirroring and voltage matching; which result in nothing more than electromagnetic wave and impedance freedom.

Hence, mutual virtual implementation of electromagnetic design is possible from an earlier to later design theoretically and in practice, for there exists an empty difference and an independent commonality to both designs. This is as then provable by measurability.

The next step that need be taken in order to fully implement the device is a program for which discernibility of more than two presses is realizable through software; and this must be resolved within an order such that the base normalized distribution within the later persistent Gaussian distribution.

This works because through the order reduction is drawn back towards the original on center frequency, as 'hidden' within the later to come normalized distributions. An adaptive algorithm would be desirable as well; however it has been determined that Runge Kutta likely will not work; but by analogy; a fourth order adaptive algorithm may work through off diagonal elements.

The earlier difference for the sake of to consider electromagnetic design meeting as that of causelessness into the future; and causal moment so independent of reality was so as to absorb light upon encompassment of darkness as for emission and illumination before such as interior and exterior means; and hence to separate and isolate light from darkness through drawing parallel versus stage to stage; and hence disconnect light from darkness and draw the photodiode as in series instead as so as parallel.

The difference between the separability of cause and effect of light is so determined by the return cyclic ohmic separability of the causation of light; as so determined by that of which is of the prior design unto the later design unto topological spaces as whole; entire; and full; unto exception of the disconnection of one such fourth order device unto a seventh order device; as the separability of that of the device unto and relation to the device.

The difference between the direction of the flow of light when neither inside nor outside, but so as remaining within for that of outside and inside as without is therefore separated.

There is some programming to do; although the normalized distribution under such conditions is not discernible without an exterior means to draw an empty relation to such as singular zero and one bits within an interior relation.

It is true that five problems can be solved at once with relation to the code, but for now it is simply resting, and I am thinking about how to proceed with the relations. I did not write them down; however in time I think perhaps I could.

I would like to do so however some time, and now, admitting that I have as much time as I need to complete these goals, I can illustrate patience.

I have found a secondary clue which is a manner in which to do so with conventional quantum computers or such as quantum wells for a camera, however it would take some serious parallel implementation, and wouldn't potentially be a true three or four dimensional representation of tissues.

I am thinking now of further implementations of this technology for useful purposes, and it will take some work and time, but as of now it is less of a concern. The device is complete as a prototype, and that was all that needed be done. Patent issues can be considered later.