

## **Precedence for Electromagnetic Component Design and Properties of Limitation of Design:**

- 1.) The difference between independence of any such seven elementary (inductive, capacitive, resistive, calorimetric, positive, negative, and ground) components under topological considerations of interconnection are that of connectivity without empty middle; and complete within inclusive passivity of electromagnetic contactile relationships of attachment and reluctance for each such part.
- 2.) The similarity of that of dependence of two such attributes of fundamental directionalities of inclusion and exclusion of singular and general sense of either dependency on component attributes for properties of material physical polarity are reductive to relationships of similarity without division yet singular and absolute solid relation; with independence of light following from design.

As a consequence if proportionality (under consideration of prior electromagnetic design for either such consideration are formed) is to be established as round such inclusions of component aspects under the principle of balance both in coming and going of electricity it is knowable that either of such as any such three of the elementary properties of fundamental aspects of machine design.

For this to be true there must remain a free and open end (groundless) terminus relation of monodirectional asymptotic freedom of machine state for consideration of thermodynamical state; and therefore that of independence of either of two such components in relation to any such one; as that of the inductive; capacitive; and resistive relations are inclusive of each within one; under each two.

The process of design is therefore to find equilibration between a tensile relation of motional freedom of feedback free relation without open closure; when it is considered that for each such element of component design the condition of matching such as these fundamental properties of impedance known as admittance of active electromagnetic energy independence from electrical passivity.

As a consequence under considerations of bandwidth and its limitations; asymptotic freedom of electromagnetic circuit properties is obtained when physical properties of electromagnetic design are floating with and in relation to that of electromagnetic energy and power considerations of that of inseparability of either such as passivity and active input and output both in coming and going out.

Therefore; physical electromagnetic design is illustrated as for that of electrocoulombic strain; electromagnetic stress; resistive torsion; conductive freedom; and inductive transparency; the relation is given by: "As two to that too; is as C as R is too L two I."

Thus; the component design was illustrated as a trimming by reductive and preventative means as Volt-Amps for Electric-Watts of Power-Amperage freedom; through L-C-D-I-R with T.O. and R as O and T as I. Balance is as:  $V/I = P/A = R/C = R/L = T.O.$  ORLP.

Thus the proportion of 12:5:24 is equivalent for I:W:V <-as-> 30:20:100 as equivalent to C:L:R for R >-< L as 10:1 without 0 as P.