

# DIMENSIONAL RECONFIGURATION

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TH

IT STRIKES ME THAT IF THE SBT PROBES:

- LENGTH
- MASS
- FORCE
- TIME

A LITTLE DEEPER, IT MIGHT BEGIN TO GRASP AND BE ABLE TO WORK WITH THE DIFFERENCE BETWEEN:

- THE DYNAMICS OF DIMENSIONAL RECONFIGURATION
- THE DYNAMICS OF ENERGY RECONFIGURATION

THE WRITUP IN MCGRAW HILL, WHILE IT DEALS WITH UNITS, ACTUALLY TREATS ENERGY DYNAMICS. THE NEXT STEP WOULD BE TO TREAT ENERGY DYNAMICS AND DIMENSIONAL DYNAMICS IN TERMS OF FUNDAMENTAL DIMENSIONAL RECONFIGURATION.

AS THE SBT TACKLES THIS ONE, I WOULD BE INCLINED TO TAKE A PRELIMINARY POSITION FOR DISCUSSION, E.G.:

- LENGTH IS A DIMENSION DERIVED FROM OTHERS, SUCH AS VELOCITY AND FREQUENCY OF LIGHT.

IF THIS POSITION IS VALID, THE NOTION OF LENGTH AND CARTESIAN CO-ORDINATES IS DERIVED FROM OTHER DIMENSIONS, WHICH ARE WAVEFORMS.

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THE SGT COULD THEN PROCEED ON THE ASSUMPTION THAT THE FOLLOWING QUOTE HAS SOME VALIDITY:

• TIME - HOW QUANT, THEY MEASURE IT.

THIS THEN WOULD REMOVE TIME FROM AN ABSOLUTE TO A REGION OF WAVEFORMS, PROBABLY SOME FORM OF ENERGY.

ON RE-READING THE MCGRAW HILL WRITUP, I NOTED THAT THE AUTHOR:

• SUBSTITUTED FORCE FOR MASS WHEN CHANGING THE FRAME OF REFERENCE FROM ABSOLUTE TO GRAVITATIONAL SYSTEMS OF UNITS.

THIS IS SOMEWHAT CONFUSING, SINCE MASS CAN CONVERT TO FORCE IN A NUCLEAR REACTION. ONE COULD ARGUE THAT NEITHER IS FUNDAMENTAL.

THE NOTION THAT LENGTH IS DERIVED FROM THE VELOCITY AND FREQUENCY OF LIGHT IS FURTHER RE-EMPHASIZED IN THE MCGRAW HILL WRITUP WHICH STATES THAT THE ASTRONOMICAL UNIT IS DETERMINED BY PHASE MODULATED CONTINUOUS WAVE RADIO SIGNALS BEAMED TO OTHER PLANETS. THIS MAKES THE NOTION OF DETERMINATION OF LENGTH EXPLICIT.

IN MY VIEW, THE PRECEDING ARGUMENTS CAST DOUBT ON THE CURRENT METHODS. THE QUESTION NOW BECOMES HOW TO FIND SOME SOLUTIONS.

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THE LINE OF REASONING WOULD THEN BECOME:

- THERE IS A RATIONALE FOR TREATING DIMENSIONS AS CONTINUOUS FUNCTIONS WHOSE VALUES WOULD CHANGE PRIOR TO TRANSFORMATION.
- INTRODUCTION OF A MODIFICATION TO THE STURM FUNCTION THAT WOULD BE CAPABLE OF DESCRIBING DIMENSIONAL TRANSFORMATION OR RECONFIGURATION

THE RATIONALE, IF NOT BUILT ON A HOUSE OF CARDS, NOW SEEMS FAIRLY STRAIGHTFORWARD. THE SOLUTION MAY BE ANOTHER MATTER. AS THE NEXT STEP IN TALKING THIS VERY DIFFICULT PROBLEM, I WOULD LEAN TOWARD:

- FINDING ENERGY WAVEFORMS THAT MAY BE "BURIED" IN OR APPEAR AS COMPONENTS OF VARIOUS ALTERNATE ENERGY FORMS.

OR ALTERNATELY:

- LOOKING FOR THEM IN THE RIEMANN-CHRISTOFFERS, RIEMANN INTEGRALS, OR KRAMER-KRONIG TRANSFORMS

THIS IS AGAIN A STRETCH, BUT IF THE SET CONCLUDES THAT THEY EXIST AND ARE CONTINUOUS FUNCTIONS AT LEAST THAT IS A START.

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THIS APPROACH HAS A CERTAIN MERIT IN THAT:

- IT ALLOWS FOR A PARTICULAR DIMENSIONAL COMPOSITION AND CO-ELEMENTATION IN A SPECIFIC FIELD.

- IT BRINGS BACK THE NOTION OF DIMENSIONAL DECOMPOSITION, ONE THAT I HAD PREVIOUSLY ASSOCIATED WITH CONDENSATION AND LATER ABANDONED.

YOU MAY WANT TO DISCUSS THIS.

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THINK (ALTERNATIVE)

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