

In Memoriam

Ray B. Munroe Jr. 1958-2012: Advocate of Geometric Approach to GUT

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ABSTRACT

Ray B. Munroe Jr. was born on July 25, 1958 and passed into the eternal realm on March 12, 2012. He was a physicist and passionate advocate of a geometric approach to Grand Unification Theories. In that vein, Ray published five (5) papers in Prespacetime Journal, two by himself and three with a co-author. He shall be missed by many of us but may live on through his work, in our memories and in the eternal realm.

Key Words: Ray B. Monroe, Jr., physicist, geometric approach, Grand Unification Theory.

Nature is fundamentally both continuous and discrete, and that this paradox is directly responsible for the wave-particle duality of Nature. Ray B. Munroe Jr.



(Source: legacy.com)

According to his Obituaries [1], Ray “was born July 25, 1958 and died March 11, 2012.” “He received his BS in Physics from Florida State University in 1979. ...Ray attended Florida State University and graduated summa cum laude with his Masters and P[h]D in physics. He wrote & published two books on physics and a number of articles in renowned science publications worldwide. Ray spent time communicating revolutionary ideas on his blog and with physicists all over the world. In his professional life, Ray was both a teacher as well as a businessman.”

Philip E. Gibbs already commented on Ray’s passing at the viXra Log [2].

I knew Ray through my interactions with him as the editor of Prespacetime Journal. He impressed me as a creative and honest human being and a genuine truth seeker. He passionately advocated his geometric approach to Grand Unification Theories and, in that vein, published five (5) papers in Prespacetime Journal, two by himself and three with a co-author [3-7].

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In his paper “The Interrelationship of Spin and Scales” [4], Ray proposed a possible relationship between Spin, Scales and Supersymmetry and applied this relation to a problem relevant to Grand Unified Theories.

In another paper “Scales Solve the Continuous vs. Discrete Paradox” [5] which was his entry to a FQXi Essay Contest, Ray suggested that “Nature is fundamentally both continuous and discrete, and that this paradox is directly responsible for the wave-particle duality of Nature” [5]. He pointed out that two key catalysts in the collapse of continuous wave functions (waves) into sets of discrete quantum numbers (particles) are 1) Scales and 2) Lucas Numbers and stated that “[t]hese concepts – along with Supersymmetry – may provide the framework for the ultimate unification of bosons and fermions.”

In yet another paper “Hidden Dimensions Can Explain ‘Superluminal’ Neutrinos, and the Origin of Fermionic Mass” written with Dickau [6], Ray and Dickau addressed recent findings by OPERA indicating that neutrinos may travel faster than the speed of light [which now seems to be unlikely] and alternate mechanisms for fermionic mass by adding a family of ‘scalar fermions’ [6].

Time will tell whether Ray’s ideas in physics will be important, useful or even revolutionary. However, he shall be surely missed not only by his family but by his colleagues and friends such as us. May you live on through your work, in our memories and in the eternal realm, Ray B. Munroe Jr.!

References

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