

Abstract Submitted
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**Discovery of Quantum structure and A Theory of Everything
Part I and Part II** MEGGIE ZHANG, AISRO — (Part I) During my research I discovered logical errors in the logic of science and in mathematics. These errors caused scientists missed out important information when interpreting data. This led me to revisit the method of science and the existing results and able to find new information, which lead to the discovery of photon's structure. A “particle collision illumination” experiment then provided direct evidence supported the structure. Analysis of the properties of the structure suggested an organized but not-continuous multi-dimension (n-D) space within. Therefore I formed a hypothesis of a not-continuous n-D space structure. In search for evidence, I turned into crystal technology, and found direct evidence supported the hypotesis, then further particle collision found more evidence support this finding. (Part II) Analysis of single electron buildup revealed star and galaxy formation is from a single particle following a predictable pattern. This pattern is also common in matter formation. Analysis of the quantum structure suggested the formation of a larger structure through the space expansion within the structure. Further experiment results support the finding and result revealed the expansion is through space folding. Result also suggested a violation of energy conservation law that energy is created during the formation of matter, and matter itself is moving from a lower energy state to a higher energy state. When putting all information together, I arrived to a theory of everything which gives explanations to all existing phenomenon in the universe including black hole, dark energy, star formation, consciousness.

Meggie Zhang
AISRO

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