

Abstract Submitted  
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**Exponentials and Hexagon Rings Provide Many Equations for Constants, Astronomical Patterns, Electron Orbits, Gravity, and Contributions to a Theory of Everything.** ROB ALLEN, None — Exponentials and hexagon ring properties accurately calculate force ratios, particle masses, and constants from quarks to cosmic scales. Masses of many particles from muons to the Higgs form patterns resembling tables of aromatic hexagon compounds. Slides show induction patterns from the COBE Big Bang scale down to electron orbits with common mathematics from rings. A few examples follow. The integer number of electron masses in a proton and antiproton pair= $3672=6 \times 6 \times 6 \times (6 \times 6 / 2 - 1)$ . A muon/electron mass= $206.77=(6 \times 3 - 1) \times 6 \times 2 + \text{natural log of } (6 \times 3 - 2)$ . The Higgs mass/electron is about  $244794=((6 \times 3 - 1) \times 4) \times 6 \times 6 \times (6 + 4) \times (6 + 4) - 6$ . C is speed of light and the Stephan-Boltzmann Constant= $17/C=(6 \times 3 - 1)/C$ . The Inverse Fine Structure Constant= $137.036=6 \times 6 + (6 + (6 - 2)) \times (6 + (6 - 2)) + 1 + (6 \times 6 / ((6 + (6 - 2)) \times (6 + (6 - 2)) \times (6 + (6 - 2))))$ . Electromagnetism/Gravity between a positron and an electron= $((6 \times 3 - 1) \times (6 \times 3 - 2) + 1)^{(6 \times 3 - 1) \times (6 \times 3 - 2)} \times (1 + (1 / (6 \times 6 \times 6 \times (6 - 1) / 2 - 6 / 2)))$ .

Rob L. Allen, pioneered and improved many instrumentation systems. He has a BS Degree in Computer Science from Stephen F Austin University. Management included computer centers, research groups, and allocating funds to universities. He initiated and convinced Howard Keck (CEO over Rob) to fund the Keck Telescopes.

Rob Allen  
None

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