

Abstract Submitted
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A Math Experiment Comparing Gravity and Mass at Planck Length MATT DRAY, Momentum Telecom — The math experiment was to see what the gravitational field of a singular mass would be like in an empty universe. It seemed of the force of 2 exact masses, separated by exactly 1 Planck length would provide a base to start and multiple calculations would be repeated for different masses. I expected that the value of gravitational force potential created by a mass would be consistently ratioed with the mass. Results of the calculations showed that the amount of gravity generated by each mass (single gravitational force / mass) did not show a consistent ratio, instead it showed that as mass increased, this ratio also increased. Furthermore, the ratio of the difference between the ratios of their gravitational force/mass and the difference between the 2 mass values gives a consistent value of 1.2774×10^{59} no matter what 2 masses are compared. This value $\times 2$, which is 2.5549×10^{59} , could possibly be a value of some significance.

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