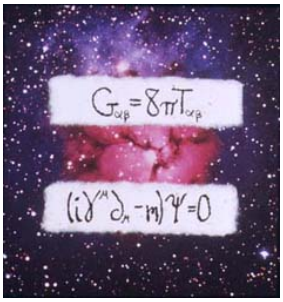
Unified Physics

How does Nature make it all work, from tiny to HUGE?



Fieled equations of general relativity

Dirac equations of quantum field theory

History

Common goal at the end of a career in physics

Current Efforts

Work on strings makes the most claims

My Efforts

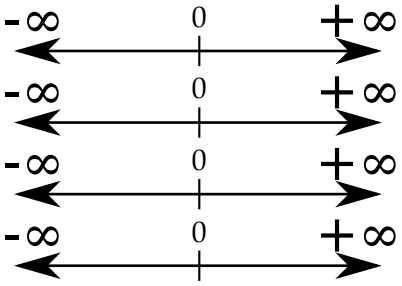
Build causality into number theory:

[0, 1) timelike, [1] lightlike, (1, ∞) spacelike

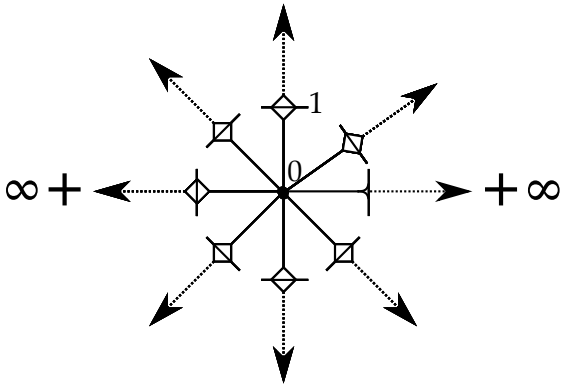
Quaternion analysis needs factors of 1/3, good for quarks

Working on the quaternion manifold may need maps that return in 2pi and 4pi, good for bosons and fermions

Give zero - the observer, the right topology to 1 in space-time



4 zeros is BAD



One zero for the observer, good, 8 1's, odd