Abstract Submitted
for the TSF14 Meeting of
The American Physical Society

Estakhr's Quantum Spacetime, Quantum Gravity as Expected Spacetime or Expection value of Spacetime Operators AHMAD REZA ESTAKHR, Researcher — Quantum Mechanics and General Relativity can be realized as a fully consistent theory. Spacetime is fundamentally discrete and not continuous. Spacetime Interval infact is expected value of time and position operators in the energy and momentum representation $ds^2 = g_{\mu\nu} d\langle\hat{x}\rangle^\mu d\langle\hat{x}\rangle^\nu$ where the $\langle\hat{x}\rangle^\mu$ is four-expected value vector. (that which means what we know as continuous spacetime infact is expected value of spacetime operators.)

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Date submitted: 19 Sep 2014 Electronic form version 1.4