

Abstract Submitted
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Quantum Theory of Large Amplitude Gravitational Waves DILLON SCOFIELD, Dept. Physics, Oklahoma State University — The standard development of small amplitude gravitational radiation theory is amended allowing the development of a theory of large amplitude gravitational waves. The further development of the resulting theory leads to a quantum theory of gravitation and mass-spacetime compatible with an $SU(4)$ model of elementary particle interactions.

Dillon Scofield
Dept. Physics, Oklahoma State University

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