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Yang-Mills and Gravity Scattering Amplitudes from Twistor Strings

Thursday 27 September 2007 17:30 (30 minutes)

I review the recent construction of a family of new twistor string theories which are free from world-sheet anomalies and give the space-time spectra of Einstein supergravities, with second order field equations, instead of the higher derivative conformal supergravities that arose from earlier twistor strings. I then discuss the calculation of gauge theory and gravity amplitudes in the new theories.

Based on preprint

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Session Classification: String theory (2) (continued)