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Dean R. Baskin* (dbaskin@math.stanford.edu), Stanford University, Department of Mathematics, Building 380, Stanford, CA 94305. *Strichartz estimates on asymptotically de Sitter spaces.*

Asymptotically de Sitter spaces are Lorentzian manifolds that resemble the de Sitter space near infinity. They are asymptotic solutions of the Einstein equations with positive cosmological constant. We discuss Strichartz estimates for solutions of the Klein-Gordon and wave equations on these spaces. (Received September 20, 2009)