



GLOBAL ANALYSIS SEMINAR

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Radiation field for Einstein Vacuum Equations

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Abstract: I will use the radiation field to study the asymptotic behavior of solutions to Einstein vacuum equations on a suitable compactification of the space-time. I use energy estimates to a conformal transformation of the equations to show that the radiation field is well defined for small Cauchy data and then correct the image space by applying some linear theory.

Wednesday December 1, 1–2:20pm
Wachman Hall 617

<http://math.temple.edu/events/seminars/manifolds/>