

Analys- och kinetikseminarium

Markus Kunze, Essen: Existence of the best constant for the Strichartz inequality

Abstract: The standard Strichartz estimate for the linear Schrödinger equation $iu_t + u_{xx} = 0$ asserts that the space and time L^6 -norm of the solution $u(t, x)$ is bounded by a constant C times the spatial L^2 -norm of the initial data $u(0, x)$. In the talk we will outline a proof that the best possible constant in this estimate is attained.

Tisdagen den 9/9, kl. 15.15

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