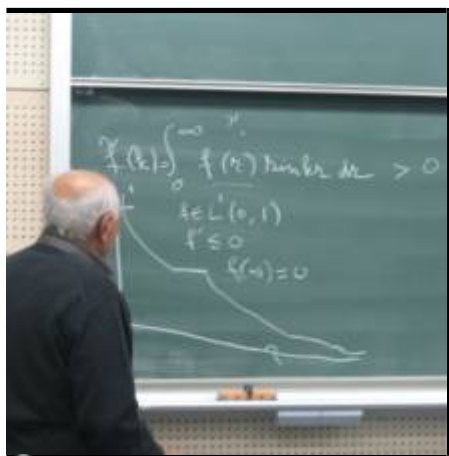08

- 　　　　　　Khosrow Chadan　　Universite Paris Sud
  - 　　　Generalization of Bochner's theorem and applications
  - 　　　　　　19　11　2　　　　16:30-17:30

We generalize Bochner's theorem on Fourier transforms of functions of positive type to more general integral transforms. As an application, we derive a positivity theorem on Fourier transforms of the phase-shifts in scattering theory with Shhödinger equations, and apply it to the inverse scattering theory.

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17 images

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