



## Seminar/Talk

# Lebesgue- and Radon--Nikodym type theorems

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Host: Laszlo Erdős

The Lebesgue decomposition theorem and the Radon-Nikodym theorem are cornerstones of the classical measure theory. These theorems were generalized in several settings and several ways. In the first part of the talk I will give a short overview of this topic. In the remaining time I will present a Lebesgue-Radon-Nikodym type theorem which generalizes the well-known Ando-decomposition of bounded positive operators, the Darst decomposition of finitely additive nonnegative set functions, and Gudder's Radon-Nikodym theorem for representable functionals.

**Tuesday, November 21, 2017 04:00pm - 06:00pm**

Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station.

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