

SEMINARIO DI GEOMETRIA

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Politecnico di Torino,
Dipartimento di Scienze Matematiche,
AULA 11s

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Computing the convolution distance for constructible
sheaves over the real line

Following Curry, Kashiwara and Schapira's work on adapting persistence theory ideas to sheaves on a real vector space in the derived setting, we propose to extensively study their so-called convolution distance on the category of constructible sheaves over the real line. In particular, we express it as a matching distance, mirroring the case of one-parameter persistence. Joint work with Grégory Ginot.