Dottorato in Matematica
30° ciclo
SEMINARIO DI DOTTORATO

Martedì 17 ottobre 2017, ore 16.30
(Aula Seminari “-1” – Dipartimento di Matematica)

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Model Order Reduction on an Epilepsy EEG Equation

Abstract
This presentation introduces a particular parametric PDE used to detect the initial focus in epilepsies. The main topic will be the application of two model order reduction techniques, reduced basis method (RB) and fundamental order reduction method (FOR). The FOR method is a new method that works better than RB with equations that has a differential operator independent of the parameter like the EEG equation. Theoretical results and a comparison between the two methods will be presented.

Relatori:
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