

# Different approaches to the inverse problem of variational calculus

*jeudi 26 septembre 2024 10:00 (1 heure)*

Motivated by classical mechanics and classical field theory, I will give an elementary introduction to two different approaches to the inverse problem of variational calculus (for systems of differential equations and systems of partial differential equations). In doing so, I will try to indicate the state of the art and mention some other approaches that have been considered.

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