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# FFT solvers for transport problems in heterogeneous media

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## Abstract

In this course, we address various FFT methods developed for treating other physics and multi-physical couplings, including conductivity, diffusion, optics in the electrostatic regime, viscoelasticity, phase-field for damage mechanics and Stokes flow. We also give a brief review of comparison between FFT and finite element methods in terms of accuracy and overall performances.

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