Introduction: the Green operator and the Lippmann–Schwinger equation

Sebastien Brisard[*1]

[1]Laboratoire Navier – Ecole des Ponts ParisTech, Centre National de la Recherche Scientifique, Université Gustave Eiffel – École des Ponts ParisTech, 6-8 avenue Blaise Pascal, 77455 Champs-sur-Marne, France

Abstract

This lecture provides an introduction to all the basic tools that are required by "FFT-based homogenization methods", namely: the "corrector" problem for homogenization, the Green operator and the Lippmann–Schwinger equation.

[*]Speaker