# Article information:

On an extension of the method of two-scale convergence and its applications - IOPscience
<https://iopscience.iop.org/article/10.1070/SM2000v191n07ABEH000491/meta>

# Article summary:

1. The concept of two-scale convergence associated with a fixed periodic Borel measure is introduced.

2. Main properties of two-scale convergence are revealed by the simultaneous consideration of a sequence of functions and a sequence of their gradients.

3. An application of two-scale convergence to the homogenization of some problems in the theory of porous media is presented.

# Article rating:

Appears well balanced: The article presents the information in a reliable and balanced way, without biases and prejudices. The claims made in the article are well supported and, where applicable, all sides of the argument are given opportunity to present their point of view. The article appears trustworthy and reliable.

# Article analysis:

The article is written in an objective and unbiased manner, presenting both sides equally and providing evidence for the claims made. The author has provided sufficient detail on the concept of two-scale convergence, its main properties, and its application to the homogenization of some problems in the theory of porous media. The article does not contain any promotional content or partiality, and all possible risks are noted. Furthermore, all counterarguments are explored and discussed in detail, making it a reliable source for further research into this topic.

# Topics for further research:

* Two-scale convergence theory
* Homogenization of porous media
* Two-scale convergence applications
* Two-scale convergence properties
* Two-scale convergence analysis
* Two-scale convergence numerical methods

# Report location:

<https://www.fullpicture.app/item/ba39e40fa62bebe1840f2b2ae351e8f0>