



# Numerical Methods for Inverse Problems (Mathematics and Statistics)

*By Michel Kern*

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The author uses practical examples to illustrate inverse problems in physical sciences. He presents the techniques and specific methods chosen to solve inverse problems in a general domain of application, choosing to focus on a small number of methods that can be used in most applications.

This book is aimed at readers with a mathematical and scientific computing background. Despite this, it is a book with a practical perspective. The methods described are applicable, have been applied, and are often illustrated by numerical examples.

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**Numerical Methods for Inverse Problems (Mathematics and Statistics) By Michel Kern Bibliography**

- Sales Rank: #3625199 in eBooks
- Published on: 2016-03-31
- Released on: 2016-03-31
- Format: Kindle eBook

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About the Author

**Michel Kern** is a research scientist in the Serena group at the Inria Research Center in Paris, France

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