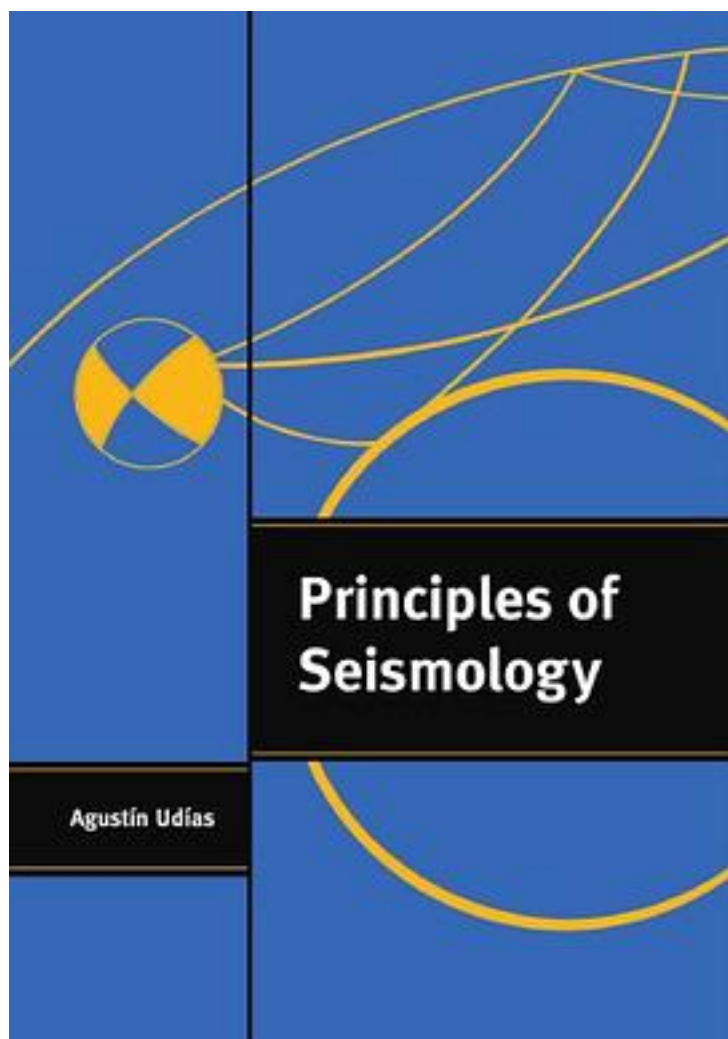


Principles of Seismology



[Principles of Seismology_ 下载链接1](#)

著者:Udias, Agustin

出版者:Cambridge Univ Pr

出版时间:2000-1

装帧:Pap

isbn:9780521624787

This book is an introductory text on seismology intended for upper division

undergraduates and graduate students. The book emphasises fundamental concepts and basic mathematical developments, and is intended to be 'student friendly'. The author explains the fundamental concepts in full detail with step-by-step development of the mathematics, although the book does assume a knowledge of vector and tensor analysis, calculus and ordinary and partial differential equations, as well as of fundamental physics, especially mechanics and elasticity theory. Simple examples, such as one-dimensional problems and liquid media are used as introductory topics. The book covers most of the fundamental topics in seismology, including seismic wave propagation, normal mode theory, ray theory approximation, body and surface waves, source mechanisms, kinematic and dynamic models and applications to the understanding of the structure of the Earth and seismotectonics. The book also contains appendices on useful mathematical tools and includes extensive problems.

作者介绍:

目录:

[Principles of Seismology_ 下载链接1](#)

标签

评论

[Principles of Seismology_ 下载链接1](#)

书评

注：此评论只针对目前的2000版。如果未来有了修订版，也许此书评论就完全失效了。但对作者的看法是不会改变的。从去年开始在读书seminar里轮流讨论这本书。我想说本来这本书应该是本很好的书。因为定位是intermediate，在introduction满天飞，advanced又“貌似”太艰难的当...

[Principles of Seismology 下载链接1](#)