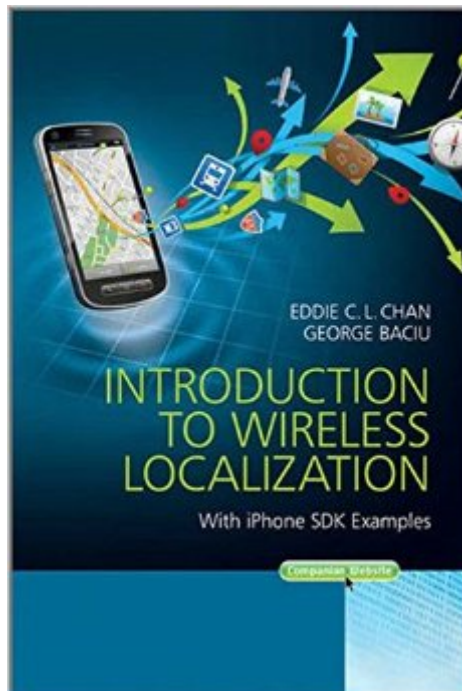


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# Introduction To Wireless Localization: With iPhone SDK Examples



## Synopsis

This book provides a comprehensive overview of the entire landscape of both outdoor and indoor wireless positioning, and guides the reader step by step in the implementation of wireless positioning applications on the iPhone. Explanations of fundamental positioning techniques are given throughout the text, along with many programming examples, providing the reader with an independent, practical, and enjoyable learning of the material while gaining a real feel for the subject.Â Provides an accessible introduction to positioning technologies such as Global Positioning System and Wi-Fi positioning Presents hands-on skills to iOS 5.0 programming for location-aware applications Gives a thorough grounding in signal propagation, line-of-sight and interference effects for accurate positioning Covers the location-aware video streaming and conferencing with practical iPhone application examples Accompanied by a website containing programming code described in the text and lecture presentation slides for instructorsÂ This book is primarily intended for anyone who wants to study wireless localization. It is an ideal textbook for graduate students who are first learning localization techniques, as well as advanced undergraduates in computer science interested in translating localization concepts into real code. Professionals, engineers and researchers working in location-aware services and related techniques using mobile positioning and AI technologies will find this book to be a helpful reference. Companion website for the book: [www.wiley.com/go/chan/wireless](http://www.wiley.com/go/chan/wireless)

## Book Information

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## Customer Reviews

I'm doing a research on Indoor Positioning System for Undergraduate Library at University of Illinois. Dr. Eddie's book is the only book I find that helps me understand the topic. I emailed him with some follow-up question, and he replied me nicely. I highly recommend this book to anyone who is interested in learning about localization using wifi. This edition mentions application with iPhone SDK, and I look forward to future editions with examples using Android SDK.

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