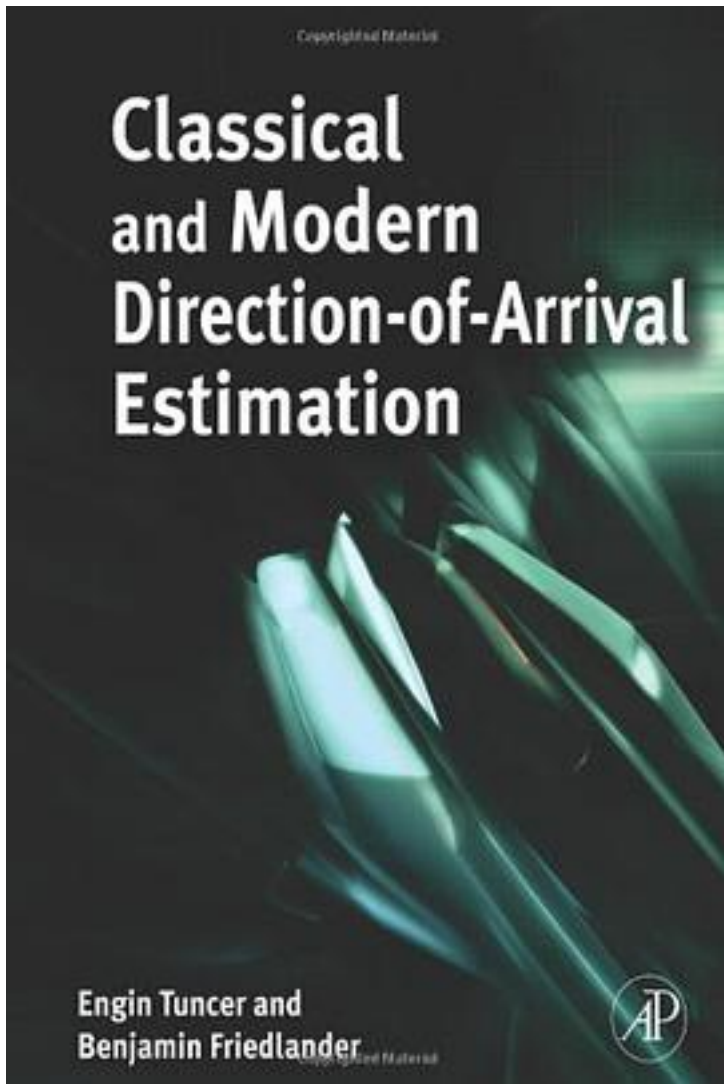


# Classical and Modern Direction-of-Arrival Estimation



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Brings together in one book classical and modern DOA techniques, showing the connections between them  
Contains contributions from the leading people in the field  
Gives a concise and easy- to- read introduction to the classical techniques  
Evaluates the strengths and weaknesses of key super-resolution techniques  
Includes applications to sensor networks  
Classical and Modern Direction of Arrival Estimation contains both theory and practice of direction finding by the leading researchers in the field. This unique blend of techniques used in commercial DF systems and state-of-the art super-resolution methods is a valuable source of information for both practicing engineers and researchers. Key topics covered are: Classical methods of direction finding  
Practical DF methods used in commercial systems  
Calibration in antenna arrays  
Array mapping, fast algorithms and wideband processing  
Spatial time-frequency distributions for DOA estimation  
DOA estimation in threshold region  
Higher order statistics for DOA estimation  
Localization in sensor networks and direct position estimation  
T. Engin Tuncer is a Professor in Electrical and Electronics Engineering Department of Middle East Technical University, Turkey. His research is focused on sensor array and multichannel signal processing, statistical signal processing and communications. Ben Friedlander is an internationally known expert in the areas of statistical signal processing and its applications to communications and surveillance systems. He has extensive experience spanning over three decades in array processing and direction finding. In recent years his work focused on the use of multiple antennas for wireless communications. Currently he is a professor of electrical engineering at the University of California at Santa Cruz.

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作者介绍:

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标签

阵列

空间谱估计

DOA

## 评论

不太适合初学者，系统性比较差，但内容比较新，都是大牛的文章，有点像论文的合集吧。

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## 书评

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