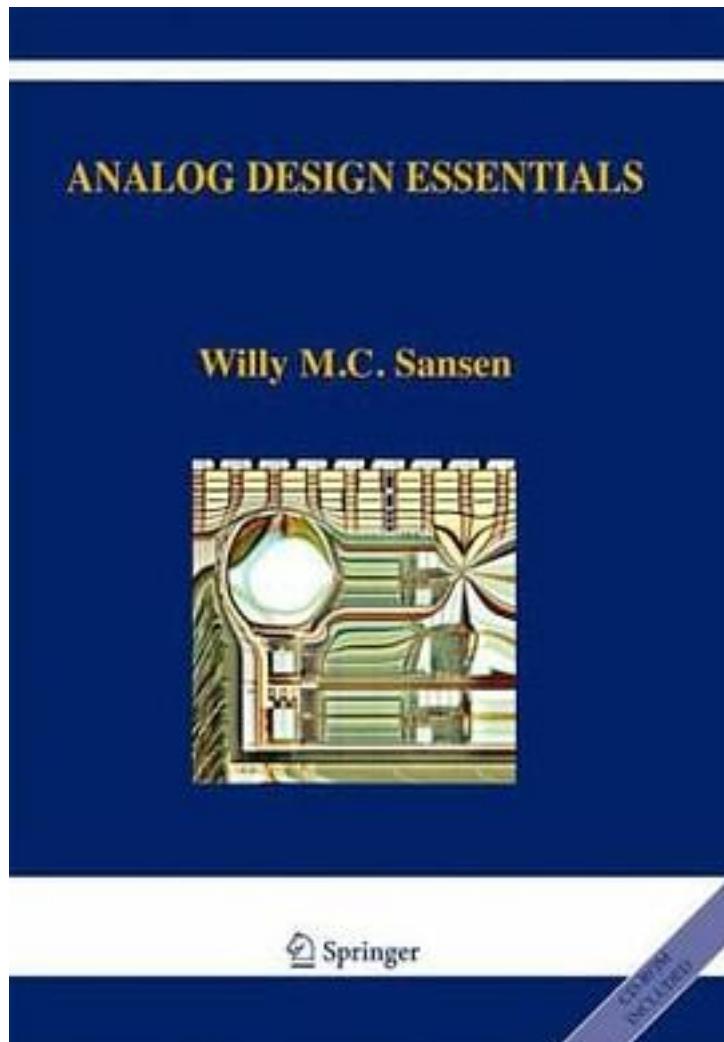


# Analog Design Essentials (The Springer International Series in Engineering and Computer Science)



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This unique book contains all topics of importance to the analog designer which are essential to obtain sufficient insights to do a thorough job. The book starts with elementary stages in building up operational amplifiers. The synthesis of opamps is covered in great detail. Many examples are included, operating at low supply voltages. Chapters on noise, distortion, filters, ADC/DACs and oscillators follow. These are all based on the extensive amount of teaching that the author has carried out world-wide.

作者介绍:

Willy

Sansen, 1972年于美国加州大学伯克利分校获得电子学博士学位。1980年始加入比利时鲁汶大学ESAT实验室，成为一名全职教授。1984年始领导ESATMICAS实验室进行模拟电路设计研究。他是IEEE的会员，ISSCC—2002会议的执行主席，现在是IEEE固态电路协会的副主席。指导了超过50篇关于通信，消费类电子和传感器应用方面模拟集成电路设计的博士论题，编著和合作编著了13本书籍。在国际期刊和会议上发表了550余篇论文。

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标签

IC

analog

模拟电路

微电子

英文原版

经典教材

电子

电路

## 评论

幻灯片加附注文字形式的一本书，比Razavi的书讲解的更详细

razavi里的“直观”和这本书一比简直是渣渣（我又黑老扎了=。=）。该书印刷错误略多，但是内容实用掩盖了瑕疵。看了5+，每次都有收获...最大的优点是把OTA讲清楚了，最大的缺点就是后面几章略微单薄了点，Sansen明明发了很多ADC的文章，为何不再多说点ADC的事？

经典就是经典。。。还是好好读下吧。。。

a slide-show of Willy Sansen's IC design experience for decades

开始详细的看这本书了，感觉模电经典书中应该再加一本了。

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## 书评

This is definitely the bible book for advanced analog/mixed-signal design topics. Without losing any broad views, Analog Design Essentials provides a unique approach to cover almost every aspects of IC design. Compared with Razavi's well-known textbook, th...

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