

Reading list for Radio Frequency Integrated Circuits, TSEK03, 2019

Books

Lee, Thomas H, (2004) *The Design of CMOS Radio-Frequency Integrated Circuits* 2. ed. Cambridge University Press

ISBN: 978-0521835398

Supplementary book, gives a somewhat different perspective on RFCMOS design. A bit difficult as primary course book but good as "extra reading".

Razavi, Behzad, (2012) *RF microelectronics* 2. ed. Upper Saddle River, NJ : Prentice Hall, cop. 2012.

ISBN: 9780137134731,0137134738

Chapter 2 (noise), 5-9,12 (usually about first half of the chapters).

Repetition chapters (from TSEK02): 2-4.

There are several "Student Editions" of this book, with soft covers and different ISBN numbers. Only difference is the number of Problems at the end of chapters, but this will cause somewhat different page numbering between the versions.

Edition 1 of the book from 1997 is much shorter and a little outdated.