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CMOS Analog Circuit Design This text presents the principles and techniques for designing analog circuits to be implemented in a CMOS technology. The level is appropriate for seniors and graduate students familiar with basic electronics, including biasing, modeling, circuit analysis, and some familiarity with frequency response.

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EECE488: Analog CMOS Integrated Circuit Design Introduction and Background Shahriar Mirabbasi
Department of Electrical and Computer Engineering University of British Columbia shahriar@ece.ubc.ca
Technical contributions of Pedram Lajevardi in revising the slides is greatly acknowledged. SM 2 EECE 488
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analog signal â€œ Many electronic systems, particularly those dealing with low signal amplitudes or very high frequency required analog approach â€œ Lots of most challenging design problems are analog â€œ Good analog circuit designers are scarce (very well compensated, gain lots of respect, regarded as â€œartistsâ€œ

Analog Integrated Circuit Design

* to teach analog integrated circuit design with a hierarchically organized approach Most of the circuits, techniques, and principles presented in CMOS Analog Circuit Design come directly from the authors' industrial experience, making the book a valuable resource for both practicing engineers and students taking courses in analog electronics or CMOS analog design.

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CMOS Analog Circuit Design - Phillip E. Allen; Douglas R

Another text, "CMOS Analog Circuit Design" by Phillip E. Allen and Douglas R. Holberg, is a good source to help an engineer design circuits such as an actual op amp rather than explain the theory of op amps.

What are some must have books on analog IC design? - Quora

In integrated circuits, the relentless pressure toward faster digital speed has resulted in ever-decreasing supply voltages, which are anathema to high-performance analog design. At 350nm (3.3V) there is still enough headroom for a high-performance analog design, though 5 Volts would be better.

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Analog circuit design is a very personalized discipline. To be sure, everyone's bound by the same physics and mathematics, but there is no single right way for those tools to be applied to solve a problem.

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