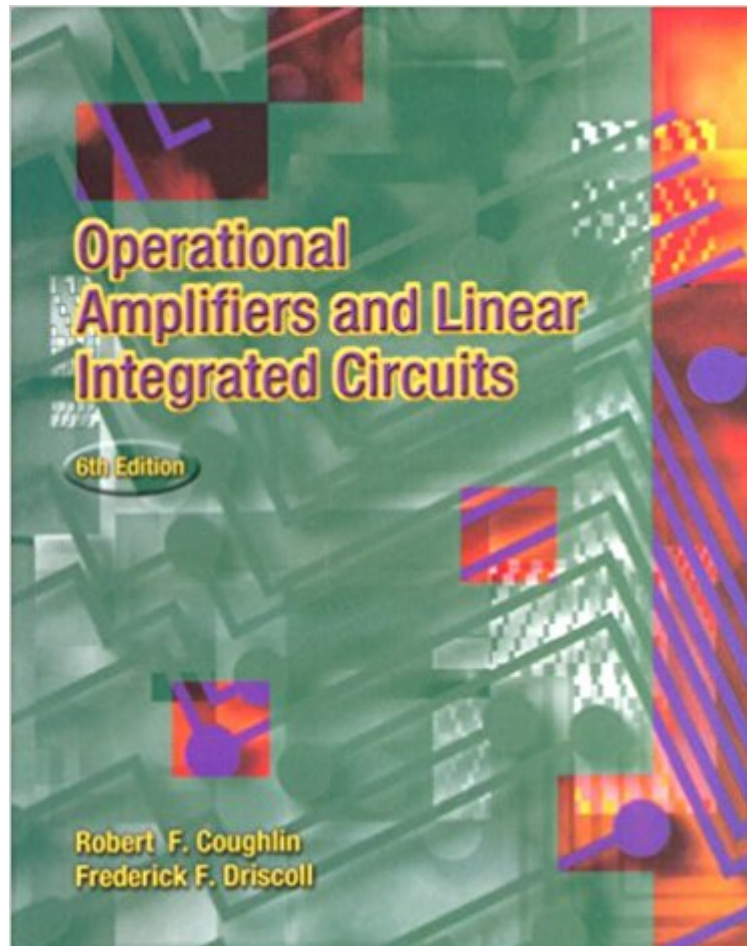


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# Operational Amplifiers And Linear Integrated Circuits (6th Edition)



## Synopsis

This popular book presents a clear and interesting approach for op-amp courses while examining four basic active filters, illustrating 5-V digital logic ICs, and more. It provides many detailed, practical design and analysis examples intended to relate theory to the workplace. Chapter topics include first experiences with an op amp; inverting and noninverting amplifiers; comparators and controls; selected applications of op amps; signal generators; op amps with diodes; differential, instrumentation, and bridge amplifiers; DC performance: bias, offsets, and drift; AC performance: bandwidth, slew rate, noise; active filters; modulating, demodulating, and frequency changing with the multiplier; integrated-circuit timers; digital-to-analog converters; analog-to-digital converters; and power supplies. For design engineers rs

## Book Information

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Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (6 customer reviews)

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## Customer Reviews

I found the book to be very helpful during my undergraduate courses. As a masters student, I still refer to the book. It gives very good explanations to the basic operation of various op-amp circuits. Together with the well written explanations, the diagrams themselves are self-explanatory. Generally a well organized and written book!

My copy is beginning to fray. Goes to show you how important this book is in my collection. I'm no engineer but love designing circuits and so I'm always looking for references tailored for real world tinkering. Coughlin & Driscoll's work is most certainly not one that's heavy on theory and low on

practical knowledge. On the contrary. Just about everything in it is easy to understand. Learning the fundamentals of op amps, inverting and noninverting amplifiers, summers, low-pass and high-pass filters, etc. will be a breeze. Best of all it's rich in examples. Even has indispensable pointers on how to design various circuits. Now that's what I'm looking for.

It came in the condition just as the lister said it would and that's all I need. =]"Just what I needed!"-Mario

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