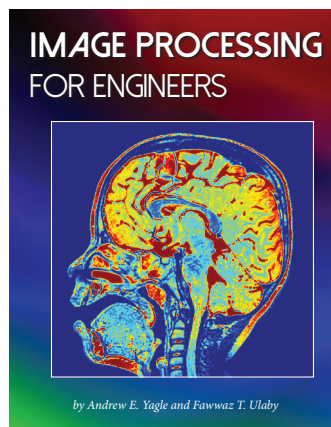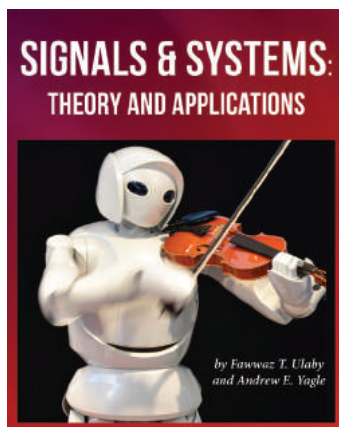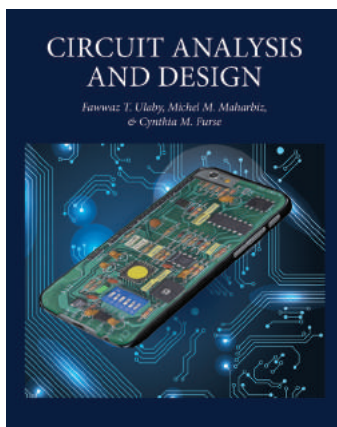# Free Electrical Engineering Textbook Initiative

Circuit Analysis and Design, Ulaby, Maharbiz and Furse, 798 pages.

Signals and Systems: Theory and Applications, Ulaby and Yagle, 666 pages.

Image Processing For Engineers, Yagle and Ulaby, 450 pages.

Free for pdf version with no Multisim and Labview software; software can be added for $20, and hardcopy is available from University of Michigan Publishing for cost of printing, $60-$75.

We are offering these three textbooks, in the form of downloadable free-of-charge PDFs, to any and all students and instructors interested in using these textbooks-- and associated websites-- in courses focused on circuits (2-semester sequence), signals and systems (2-semester sequence), and image processing. The books are also available in hardcopy, priced to cover printing costs and the software.

With Compliments of the Authors

Fawwaz Ulaby, Emmett Leith Distinguished Professor of EECS, University of Michigan

Andrew Yagle, Emeritus Professor of EECS, University of Michigan

Michel Maharbiz, Professor of EECS, University of California, Berkeley

Cynthia Furse, Professor of Electrical and Computer Engineering, University of Utah

Why Free Books?

Very simple answer: Over the past 30 years, the consumer price index (CPI) increased by 240%. Over the same time period, textbook prices increased by 800%, more than a three-fold increase compared to the CPI!

This free-textbooks project represents a collective effort by the four authors listed below to address the textbook-price problem faced by students, albeit in only one narrow area within only one discipline, but it's a start. Over the past 30 years, we published numerous highly successful textbooks with several publishers, so we decided to combine our efforts behind this new project of making textbooks free for students.

Availability

Advance sample copies are available to instructors at any time. Please send an email to: Ulaby@umich.edu to request a copy. Please specify which of the three books you are interested in.

https://www.publishing.umich.edu/publications/ee/