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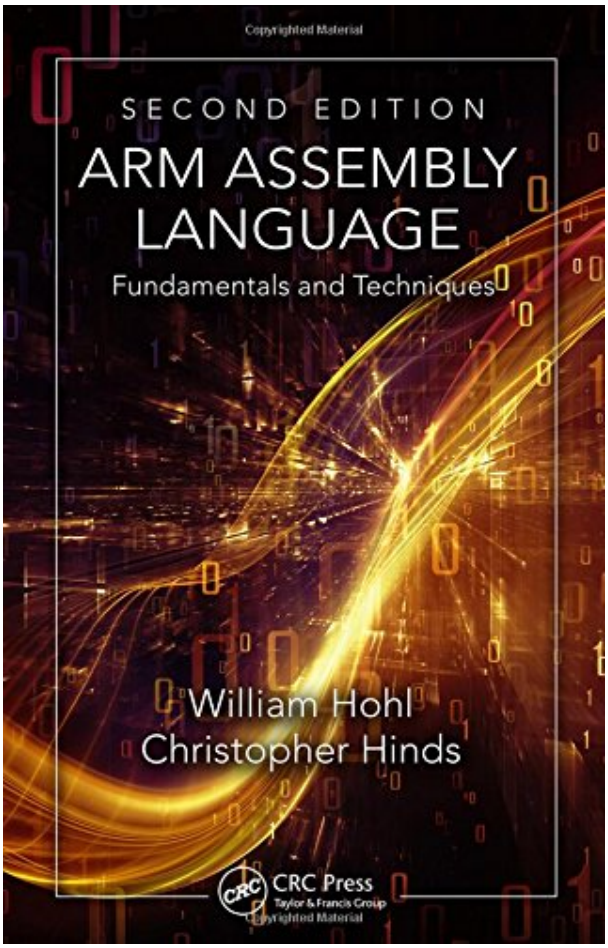

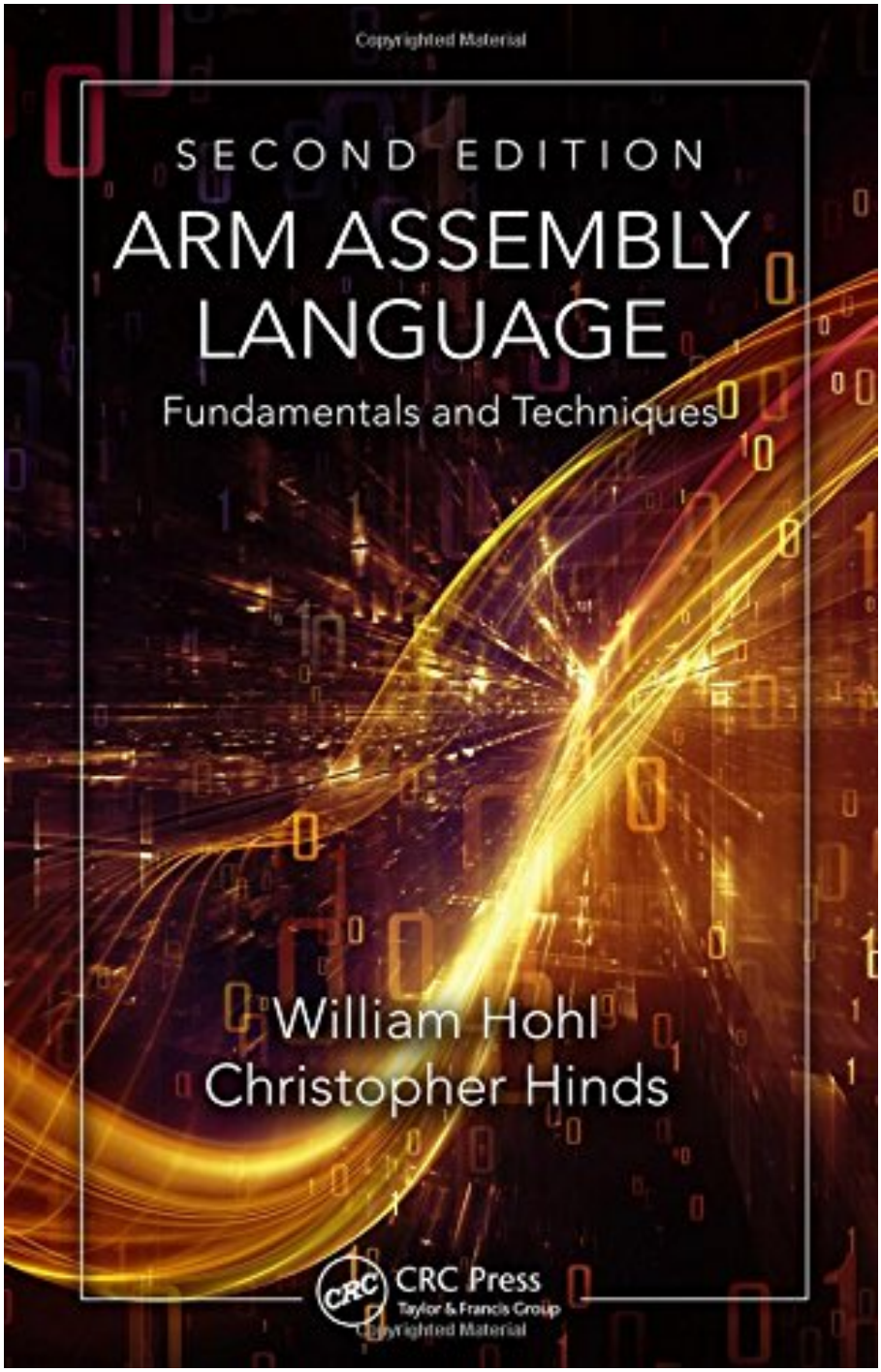

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Delivering a solid introduction to assembly language and embedded systems, ARM Assembly Language: Fundamentals and Techniques, Second Edition continues to support the popular ARM7TDMI, but also addresses the latest architectures from ARM, including Cortex™-A, Cortex-R, and Cortex-M processors?all of which have slightly different instruction sets, programmer's models, and exception handling.

Featuring three brand-new chapters, a new appendix, and expanded coverage of the ARM7™, this edition:

- Discusses IEEE 754 floating-point arithmetic and explains how to program with the IEEE standard notation
- Contains step-by-step directions for the use of Keil™ MDK-ARM and Texas Instruments (TI) Code Composer Studio™
- Provides a resource to be used alongside a variety of hardware evaluation modules, such as TI's Tiva Launchpad, STMicroelectronics' iNemo and Discovery, and NXP Semiconductors' Xplorer boards

Written by experienced ARM processor designers, ARM Assembly Language: Fundamentals and Techniques, Second Edition covers the topics essential to writing meaningful assembly programs, making it an ideal textbook and professional reference.

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- Dimensions: 9.75" h x 6.75" w x 1.00" l, 1.70 pounds
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- 453 pages

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