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PCI Design Handbook: Precast And Prestressed Concrete, Sixth Edition, 2004



Synopsis

PCI Design Handbook: Precast and Prestressed Concrete, Sixth Edition, 2004

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Customer Reviews

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Most people who need these book already know what they are getting. Although it came out around 2005, this edition of the book is coordinated with the 2002 version of the ACI 318 code. It has modern LRFD load factors of $1.2DL + 1.6LL$, etc. For me, the most useful portion of the book are the extensive discussions of connection design and the lengthy solved example building problems. Because this is the latest edition presently available (I understand the 7th edition will be released in the near future) the current NCEES (as of spring/summer 2011) structural engineering exam lists this book as an exam reference. I find this a somewhat odd situation, as the bulk of the other exam references, such IBC 2006, ASCE 7-05, etc are set to code provisions of the 2005 edition of edition of ACI 318. I suspect the NCEES will adopt the 7th edition when it becomes available.

This is a very nice and useful handbook, well-organized, give you plenty of information, lots of handy graphs and tables, and useful examples. Just the whole book is a little heavier than you may expect. The newer edition actually has not shown that much changes, so if you want to buy a

cheaper but still useful PCI handbook, this one is the best choice. Comes with CD, which makes easier for searching an specific terms.

This book is loaded with design examples and illustration. But what impressed me most was the clear explanations of the formulas - when to use what where. Its actually fun reading this comprehensive book. Many other structures books could learn a lot from its format. It doesn't waste time on unecessary verbage, yet leaves nothing out. I recommend this book for not only structural and civil engineers, but also for construction and archiectural students and practitioners. Great book!

This book helps a lot with engineering designs especially when you have been out of college for so many years. A very good review book indeed

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