



## Structural Renovation of Buildings: Methods, Details, Design Examples (Hardback)

By Alexander Newman

McGraw-Hill Education - Europe, United States, 2000. Hardback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Building renovation is booming, with more than 55 percent of all construction involving renovation, conservation, or reuse. This unique, practical guide, written by renowned engineer Alexander Newman, P.E., explains how to improve the structure of any building. Up-to-date, comprehensive, and packed with illustrations, case studies, and savvy advice drawn from the author's extensive experience, Structural Renovation of Buildings makes it easier for all building professionals to plan structural improvements, and to handle unforeseen contingencies that arise during projects. Alexander Newman shows you how to: make accurate assessments of existing conditions; compare options for cost-effective solutions; renovate and strengthen buildings of all framing types - steel, concrete, post-tensioned concrete, wood, masonry, and pre-engineered metal; deal with real problems most often encountered in renovation and reuse projects; perform seismic upgrades of lateral-load-resisting systems, with four actual case studies; restore fire-damaged buildings; repair and strengthen slabs on grade; and renew facades with improved structural integrity. Helping you build on the past-experience - and improve your and older buildings future - this one-of-a-kind practical guide is a resource that can provide answers for...

### Reviews

*Complete guideline! Its this type of great read through. it absolutely was writtern quite perfectly and helpful. I am very happy to explain how this is basically the best book i actually have read through during my personal life and can be he very best book for at any time.*

-- **Joshua Gerhold PhD**

*A very awesome book with perfect and lucid reasons. It really is basic but shocks within the 50 percent of the book. Its been designed in an exceptionally easy way and is particularly merely right after i finished reading this ebook where in fact changed me, change the way i think.*

-- **Meagan Roob**