



## A Policy Guide to Steel Moment-Frame Construction

By Federal Emergency Management Agency

Createspace, United States, 2013. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The Northridge earthquake of January 17, 1994, caused widespread building damage throughout some of the most heavily populated communities of Southern California including the San Fernando Valley, Santa Monica and West Los Angeles, resulting in estimated economic losses exceeding \$30 billion. Much of the damage sustained was quite predictable, occurring in types of buildings that engineers had previously identified as having low seismic resistance and significant risk of damage in earthquakes. This included older masonry and concrete buildings, but not steel framed buildings. Surprisingly, however, a number of modern, welded, steel, moment-frame buildings also sustained significant damage. This damage consisted of a brittle fracturing of the steel frames at the welded joints between the beams (horizontal framing members) and columns (vertical framing members). A few of the most severely damaged buildings could readily be observed to be out-of plumb (leaning to one side). However, many of the damaged buildings exhibited no outward signs of these fractures, making damage detection both difficult and costly. Then, exactly one year later, on January 17, 1995, the city of Kobe, Japan also...



**READ ONLINE**  
[ 6.86 MB ]

### Reviews

*This written publication is wonderful. It really is loaded with knowledge and wisdom You will not really feel monotony at at any time of your time (that's what catalogues are for relating to if you ask me).*

*-- Desmond Becker*

*Absolutely essential go through publication. I am quite late in start reading this one, but better then never. You will not feel monotony at at any time of the time (that's what catalogues are for regarding if you ask me).*

*-- Ambrose Thompson II*

## Other PDFs



### Twitter Marketing Workbook: How to Market Your Business on Twitter

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. Workbook. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Twitter Marketing Workbook 2016 Learn how to market your business on Twitter for free A best-selling...



### I Learn, I Speak: Basic Skills for Preschool Learners of English and Chinese

Paraxus International, Inc., United States, 2012. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Please go to // and shapes for some high resolution sample pages. Learn Chinese - Basic Skills for...



### Fifty Years Hence, or What May Be in 1943

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Fifty Years Hence is a quasi-fictional work by Robert Grimshaw, a professional engineer, with the intent of making a...



### Davenport s Maryland Wills and Estate Planning Legal Forms

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This book written by attorneys and published by Davenport Press provides a quick review of law and a good range...



### Danses Sacree Et Profane, CD 113: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Debussy composed his concertante masterwork on commission from Pleyel for a competition held at the Brussels conservatoire featuring...



### 5 Mystical Songs: Vocal Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Vaughan Williams setting of four poems from George Herbert s 1633 collection, The Temple: Sacred Poems was done...