BOOKS ON MATRIX STRUCTURAL ANALYSIS AND MATLAB

   This book was adopted in CEE 361 in previous years.

   This is a comprehensive book on the subject and contains a CD-ROM with software  
   for structural analysis.

   This is a comprehensive book which presents the classical approach for matrix  
   structural analysis. It includes a FORTRAN code with detailed explanations.

   This is a book on matrix methods, including finite elements, using MATLAB. The  
   contents of this book go beyond the scope of the course, and the book can also be used  
   for a second course in applied numerical methods. You should be careful when using  
   this book because there are many mistakes.

   Englewood Cliffs, New Jersey.  
   This book presents the theory of structures with several hand-solution methods. There  
   is also a brief introduction to matrix methods, which is guided by structural engineering  
   practice.

   PWS-Kent Publishing Company, Boston.  
   This book is a very good introduction to matrix methods and finite elements. It  
   includes various computer programs in FORTRAN.

   Sons, New York.  
   We are using the second edition of this book as our textbook.

   This book is clearly written, and very easy to use. It is especially helpful for quick  
   references.

   This is a second book (i.e. after you study R.P.'s book, you are ready to understand  
   this book) which uses MATLAB to analyze various applications in mathematics and  
   mechanics.

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1MATLAB is a registered trademark of The MathWorks Inc.