

Scilab Textbook Companion for  
Vector Mechanics For Engineers: Statics And  
Dynamics  
by F. P. Beer, E. R. Johnston, D. F. Mazurek,  
P. J. Cornwell, E. R. Eisenberg And Sanghi<sup>1</sup>

Created by  
Marne Aniket Shivaji  
B.Tech. (Metallurgy and Material Science)  
Others  
College Of Engineering, Pune  
College Teacher  
Dr. N. B. Dhokey  
Cross-Checked by

August 18, 2013

<sup>1</sup>Funded by a grant from the National Mission on Education through ICT, <http://spoken-tutorial.org/NMEICT-Intro>. This Textbook Companion and Scilab codes written in it can be downloaded from the "Textbook Companion Project" section at the website <http://scilab.in>

# Book Description

**Title:** Vector Mechanics For Engineers: Statics And Dynamics

**Author:** F. P. Beer, E. R. Johnston, D. F. Mazurek, P. J. Cornwell, E. R. Eisenberg And Sanghi

**Publisher:** Tata McGraw-Hill Education Pvt. Ltd., New Delhi

**Edition:** 9

**Year:** 2011

**ISBN:** 9780070700307

Scilab numbering policy used in this document and the relation to the above book.

**Exa** Example (Solved example)

**Eqn** Equation (Particular equation of the above book)

**AP** Appendix to Example(Scilab Code that is an Appednix to a particular Example of the above book)

For example, Exa 3.51 means solved example 3.51 of this book. Sec 2.3 means a scilab code whose theory is explained in Section 2.3 of the book.

# Contents

List of Scilab Codes

4

# List of Scilab Codes