

Scilab Textbook Companion for  
Theory of Machines and Mechanisms  
by J. J. Uicker, G. R. Pennock and J. E.  
Shigley<sup>1</sup>

Created by  
Juhi Kaushik  
B.Tech.  
Mechanical Engineering  
Indian Institute of Technology, Roorkee  
College Teacher  
None  
Cross-Checked by  
None

May 11, 2015

<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:** Theory of Machines and Mechanisms

**Author:** J. J. Uicker, G. R. Pennock and J. E. Shigley

**Publisher:** Oxford

**Edition:** 3

**Year:** 2003

**ISBN:** 0-19-806232-X

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