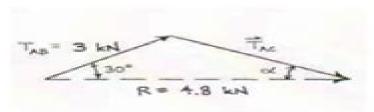
#### PROBLEM 2.9



A disabled automobile is pulled by means of two ropes as shown. Knowing that the tension in rope AB is 3 kN, determine by trigonometry the tension in rope AC and the value of  $\alpha$  so that the resultant force exerted at A is a 4.8-kN force directed along the axis of the automobile.

#### SOLUTION



Using the law of cosines:

$$T_{AC}^2 = (3 \text{ kN})^2 + (4.8 \text{ kN})^2 - 2(3 \text{ kN})(4.8 \text{ kN})\cos 30^\circ$$

$$T_{\rm ec} = 2.6643 \, \rm kN$$

$$\frac{\sin \alpha}{3 \text{ kN}} = \frac{\sin 30^{\circ}}{2.6643 \text{ kN}}$$

$$\alpha = 34.3^{\circ}$$

 $T_{AC} = 2.66 \text{ kN } \searrow 34.3^{\circ} \blacktriangleleft$ 

# **Vector Mechanics For Engineers Statics 6th Edition Solution Manual**

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#### **Vector Mechanics For Engineers Statics 6th Edition Solution Manual:**

Laminar Composites George Staab, 1999 Introduction to Composite Materials Review of stress Strain and Material Behavior Lamina Analysis Mechanical Test Methods for Lamina Failure Theories Laminate Analysis Appendix A B C D The Publishers' Trade List Annual ,1992 **EBOOK: Vector Mechanics for Engineers: Statics (SI units)** Ferdinand Beer, E. Johnston, David Mazurek, 2012-10-16 Target Audience This text is designed for the first course in Statics offered in the sophomore year OverviewThe main objective of a first course in mechanics should be to develop in the engineering student the ability to analyze any problem in a simple and logical manner and to apply to its solution a few well understood basic principles. This text is designed to help the instructor achieve this goal Vector analysis is introduced early in the text and is used in the presentation and discussion of the fundamental principles of mechanics Vector methods are also used to solve many problems particularly three dimensional problems where these techniques result in a simpler and more concise solution The emphasis in this text however remains on the correct understanding of the principles of mechanics and on their application to the solution of engineering problems and vector analysis is presented chiefly as a convenient tool In order to achieve the goal of being able to analyze mechanics problems the text employs the following pedagogical strategy Practical applications are introduced early New concepts are introduced simply Fundamental principles are placed in simple contexts Students are given extensive practice through sample problems special sections entitled Solving Problems on Your Own extensive homework problem sets review problems at the end of each chapter and computer problems designed to be solved with computational software Resources Supporting This Textbook Instructor's and Solutions Manual features typeset one per page solutions to the end of chapter problems It also features a number of tables designed to assist instructors in creating a schedule of assignments for their course The various topics covered in the text have been listed in Table I and a suggested number of periods to be spent on each topic has been indicated Table II prepares a brief description of all groups of problems Sample lesson schedules are shown in Tables III IV and V together with various alternative lists of assigned homework problems For additional resources related to users of this SI edition please visit http www mheducation asia old beerjohnston McGraw Hill Connect Engineering a web based assignment and assessment platform is available at http www mhhe com beerjohnston and includes algorithmic problems from the text Lecture PowerPoints an image bank and animations Hands on Mechanics is a website designed for instructors who are interested in incorporating three dimensional hands on teaching aids into their lectures Developed through a partnership between the McGraw Hill Engineering Team and the Department of Civil and Mechanical Engineering at the United States Military Academy at West Point this website not only provides detailed instructions for how to build 3 D teaching tools using materials found in any lab or local hardware store but also provides a community where educators can share ideas trade best practices and submit their own original demonstrations for posting on the site Visit http www handsonmechanics com McGraw Hill Tegrity a service that makes class time available all the time by automatically capturing every lecture in a searchable format for students to review when they study and complete assignments To learn more about Tegrity watch a 2 minute Flash demo at http tegritycampus mhhe com

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Canadiana, 1991-05 Engineering Education, 1983 Books in Print Supplement, 1994 Books in Print, 1991

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## **Table of Contents Vector Mechanics For Engineers Statics 6th Edition Solution Manual**

- 1. Understanding the eBook Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - The Rise of Digital Reading Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - Personalized Recommendations
  - Vector Mechanics For Engineers Statics 6th Edition Solution Manual User Reviews and Ratings
  - Vector Mechanics For Engineers Statics 6th Edition Solution Manual and Bestseller Lists
- 5. Accessing Vector Mechanics For Engineers Statics 6th Edition Solution Manual Free and Paid eBooks
  - Vector Mechanics For Engineers Statics 6th Edition Solution Manual Public Domain eBooks
  - Vector Mechanics For Engineers Statics 6th Edition Solution Manual eBook Subscription Services
  - Vector Mechanics For Engineers Statics 6th Edition Solution Manual Budget-Friendly Options

- 6. Navigating Vector Mechanics For Engineers Statics 6th Edition Solution Manual eBook Formats
  - o ePub, PDF, MOBI, and More
  - Vector Mechanics For Engineers Statics 6th Edition Solution Manual Compatibility with Devices
  - Vector Mechanics For Engineers Statics 6th Edition Solution Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - Highlighting and Note-Taking Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - Interactive Elements Vector Mechanics For Engineers Statics 6th Edition Solution Manual
- 8. Staying Engaged with Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Vector Mechanics For Engineers Statics 6th Edition Solution Manual
- 9. Balancing eBooks and Physical Books Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Vector Mechanics For Engineers Statics 6th Edition Solution Manual
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - Setting Reading Goals Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - Fact-Checking eBook Content of Vector Mechanics For Engineers Statics 6th Edition Solution Manual
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements

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