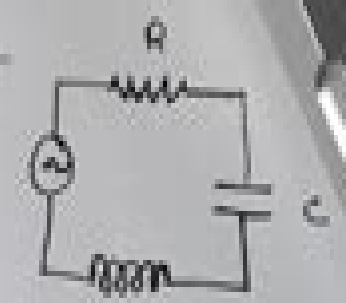


3



AC circuit 2



$$V_{L(t)} = -V_{Lmax} \sin(\omega t - \phi)$$

$$V_{C(t)} = V_{Cmax} \sin(\omega t - \phi)$$

$$\frac{V_{L(t)}}{V_{C(t)}} = \frac{-V_{Lmax}}{V_{Cmax}} \rightarrow \frac{(I_{max})(X_L)}{I_{max}(X_C)} = \frac{-L\omega}{\frac{1}{\omega C}} = \frac{60.6}{-10.1}$$

$$= + \omega^2 L C = 6$$

$C = 25 \times 10^{-6} F$   
 $L = .144 H$   
 $R = 200 \Omega$   
 $E_m = 120 V$

$\phi = 0$   
 $E = 120 V$   
 $V_L = 60.6 V$   
 $V_C = -10.1$

# Smartphysics 2 Solution Manual

**Edward S. Ginsberg, Richard Wolfson**



## Smartphysics 2 Solution Manual:

**Student's Solution Manual for University Physics with Modern Physics Volumes 2 And 3 (Chs. 21-44)** Hugh D. Young, Roger A. Freedman, 2015-04-16 This volume covers Chapters 21-44 of the main text. The Student's Solutions Manual provides detailed step-by-step solutions to more than half of the odd-numbered end-of-chapter problems from the text. All solutions follow the same four-step problem-solving framework used in the textbook. *Student Solutions Manual for Essential University Physics, Volume 2* Richard Wolfson, 2011-01-04 This solutions manual contains detailed solutions to all of the odd-numbered end-of-chapter problems from the textbook, all written in the IDEA problem-solving framework.

**Student Study Guide and Solutions Manual for University Physics, Volume 2 (Chapters 21-37)** Hugh Young, Roger Freedman, 2019-08-15 The Student's Study Guide summarizes the essential information in each chapter and provides additional problems for the student to solve, reinforcing the text's emphasis on problem-solving strategies and student misconceptions. *Student's Study Guide for University Physics with Modern Physics Volume 2 Chapters 21-37*

*Student Solutions Manual for College Physics* Randall D. Knight, Stuart Field, 2018-03-21 The solutions manuals contain detailed solutions to more than half of the odd-numbered end-of-chapter problems from the textbook. Following the problem-solving strategy presented in the text, thorough solutions are provided to carefully illustrate both the qualitative and quantitative steps in the problem-solving process. *Study Guide and Selected Solutions Manual for Physics, Volume 2* David Reid, James Walker, 2009-04 The print study guide provides the following for each chapter: Objectives, Warm-Up Questions, from the Just-in-Time Teaching method by Gregor Novak and Andrew Garvin, Indiana University, Purdue University, Indianapolis; Chapter Review with two-column Examples and integrated quizzes; Reference Tools; Resources; equation summaries; important tips and tools; Puzzle Questions, also from Novak Garvin's JITT method; Solutions for selected and representative end-of-chapter questions and problems. **Physics for Scientists and Engineers Student Solutions**

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*Solutions Manual & Study Guide* Teague Gordon, 2009      *Physics for Scientists and Engineers Student Solutions Manual, Volume 2* David Mills, Charles Adler, Edward Whittaker, 2003-10-27      *College Physics - Chapters 17-30* Randall D. Knight, Brian Jones, Larry K. Smith, Stuart Field, Pawan Kahol, Marlin Simon, 2009-12 These solutions manuals contain detailed solutions to more than half of the odd numbered end of chapter problems from the textbook Following the problem solving strategy presented in the text thorough solutions are provided to carefully illustrate both the qualitative and quantitative steps in the problem solving process      **Instructor Solutions Manual for Physics for Scientists and Engineers** Randall D. Knight, Scott Nutter, Larry K. Smith, 2007-10-18 These comprehensive solutions manuals contain complete solutions to all end of chapter questions and problems All solutions follow the Model Visualize Solve Assess problem solving strategy used in the textbook for the quantitative problems      **Student solutions manual for university physics. Volumes 2 y 3, 12/E** Hugh D. Young, 2008      *Student Study Guide & Selected Solutions Manual [to Accompany]* Francis L. H. Wolfs, Doug Giancoli, 2009      **Student Solutions Manual for Physics for Scientists and Engineers** Randall D. Knight, Pawan Kahol, Larry K. Smith, Scott Nutter, 2007-11-01 These solutions manuals contain detailed solutions to more than half of the odd numbered end of chapter problems from the textbook Following the problem solving strategy presented in the text thorough solutions are provided to carefully illustrate both the qualitative and quantitative steps in the problem solving process      *Study Guide with Student Solutions Manual, Volume 2* Raymond Serway, John Jewett, 2013-01-10 The perfect way to prepare for exams build problem solving skills and get the grade you want For Chapters 23-46 this manual contains detailed solutions to approximately 20% of the problems per chapter indicated in the textbook with boxed problem numbers The manual also features a skills section important notes from key sections of the text and a list of important equations and concepts Important Notice Media content referenced within the product description or the product text may not be available in the ebook version      [Student Solutions Manual, Volume 2, Intl. Edition for Serway/Vuille's College Physics, International Edition, 9th](#) , 2011-02-28      **Student Solutions Manual and Study Guide for College Physics** John R. Gordon, 2000

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