

1. Record Nr.	UNINA9910715454703321
Titolo	Hearing on National Defense Authorization Act for fiscal year 2021 and oversight of previously authorized programs before the Committee on Armed Services, House of Representatives, One Hundred Sixteenth Congress, second session : Subcommittee on Seapower and Projection Forces hearing on Air Force projection forces aviation programs and capabilities related to the 2021 president's budget request : hearing held February 27, 2020
Pubbl/distr/stampa	Washington : , : U.S. Government Publishing Office, , 2021
Descrizione fisica	1 online resource (iii, 61 pages)
Soggetti	KC-46 (Tanker aircraft) Airplanes, Military - United States Legislative hearings.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Access ID (govinfo): CHRG-116hhr41499. "H.A.S.C. no. 116-68."

2. Record Nr.	UNINA9910778918903321
Autore	Powers David L
Titolo	Boundary value problems and partial differential equations [[electronic resource]] : student solutions manual / / David L. Powers
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier Academic Press, c2006
ISBN	1-283-73487-7 0-08-091673-2
Edizione	[5th ed.]
Descrizione fisica	1 online resource (164 p.)
Disciplina	515.35 515/.35
Soggetti	Boundary value problems Differential equations, Partial
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Front Cover; Boundary Value Problems and Partial Differential Equations: Student Solutions Manual; Copyright Page; TABLE OF CONTENTS; Chapter 0. Ordinary Differential Equations; 0.1 Homogeneous Linear Equations; 0.2 Nonhomogeneous Linear Equations; 0.3 Boundary Value Problems; 0.4 Singular Boundary Value Problems; 0.5 Green's Functions; Miscellaneous; Chapter 1. Fourier Series and Integrals; 1.1 Periodic Functions and Fourier Series; 1.2 Arbitrary Period and Half-Range Expansions; 1.3 Convergence of Fourier Series; 1.4 Uniform Convergence; 1.5 Operations on Fourier Series 1.6 Mean Error and Convergence in Mean1.7 Proof of Convergence; 1.8 Numerical Fourier Coefficients; 1.9 Fourier Integral; 1.10 Complex Methods; 1.11 Applications of Fourier Series and Integrals; Miscellaneous Exercises; Chapter 2. The Heat Equation; 2.1 Derivation and Boundary Conditions; 2.2 Steady-State Ternperatures; 2.3 Example: Fixed End Temperatures; 2.4 Example: Insulated Bar; 2.5 Example: Different Boundary Conditions; 2.6 Example: Convection; 2.7 Sturm-Liouville Problems; 2.8 Expansion in Series of Eigenfunctions; 2.9 Generalities on the Heat Conduction Problem 2.10 Serni-Infinite Rod2.11 Infinite Rod; 2.12 The Error Function; Miscellaneous; Chapter 3. The Wave Equation; 3.1 The Vibrating String;

3.2 Solution of the Vibrating String Problem; 3.3 D'Alembert's Solution; 3.4 One-Dimensional Wave Equations: Generalities; 3.5 Estimation of Eigenvalues; 3.6 Wave Equation in Unbounded Regions; Miscellaneous; Chapter 4. The Potential Equation; 4.1 Potential Equation; 4.2 Potential in a Rectangle; 4.3 Further Examples for a Rectangle; 4.4 Potential in Unbounded Regions; 4.5 Potential in a Disk; 4.6 Classification and Limitations; Miscellaneous Exercises
 Chapter 5. Higher Dimensions and Other Coordinates 5.1 Two-Dimensional Wave Equation: Derivation; 5.2 Three-Dimensional Heat Equations: Vector Derivation; 5.3 Two-Dimensional Heat Equation: Solution; 5.4 Problems in Polar Coordinates; 5.5 Bessel's Equation; 5.6 Temperature in a Cylinder; 5.7 Vibrations of a Circular Membrane; 5.8 Some Applications of Bessel Functions; 5.9 Spherical Coordinates; Legendre Polynomials; 5.10 Some Applications of Legendre Polynomials; Miscellaneous; Chapter 6. Laplace Transform; 6.1 Definition and Elementary Properties; 6.2 Partial Fractions and Convolutions
 6.3 Partial Differential Equations 6.4 More Difficult Examples; Miscellaneous Exercises; Chapter 7. Numerical Methods; 7.1 Boundary Value Problems; 7.2 Heat Problems; 7.3 Wave Equation; 7.4 Potential Equation; 7.5 Two-Dimensional Problems; Miscellaneous

Sommario/riassunto

This student solutions manual accompanies the text, *Boundary Value Problems and Partial Differential Equations*, 5e. The SSM is available in print via PDF or electronically, and provides the student with the detailed solutions of the odd-numbered problems contained throughout the book. Provides students with exercises that skillfully illustrate the techniques used in the text to solve science and engineering problems. Nearly 900 exercises ranging in difficulty from basic drills to advanced problem-solving exercises. Many exercises based on current engineering
