

1. Record Nr.	UNINA9910145421603321
Autore	Hughes John <1978-2014, >
Titolo	The end of work : theological critiques of capitalism // John Hughes
Pubbl/distr/stampa	Malden, Massachusetts ; ; Oxford, England ; ; Carlton, Victoria : , : Blackwell Publishing, , [2007] ©2007
ISBN	1-281-06951-5 9786611069513 0-470-69416-5 0-470-76614-X
Descrizione fisica	1 online resource (240 p.)
Collana	Illuminations: theory and religion
Disciplina	261.85
Soggetti	Capitalism - Religious aspects - Christianity Labor - Religious aspects - Christianity Work - Religious aspects - Christianity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foreword. Preface. Introduction: Work in the Christian Tradition. 1. Twentieth-century Theologies of Work: Karl Barth, Marie-Dominique Chenu, John Paul II and Miroslav Volf. 2. Utility as the Spirit of Capitalism: Max Weber's Diagnosis of Modern Work. 3. Labour, Excess and Utility in Karl Marx: The Problem of Materialism and the Aesthetic. 4. John Ruskin and William Morris: An Alternative Tradition: Labor and the Theo-aesthetic in English Romantic Critiques of Capitalism. 5. The Frankfurt School: The Critique of Instrumental Reason and Hints of Return to the Theo-aesthetic within Marxism. 6. The end of Work: Rest, Beauty and Liturgy: The Catholic Metaphysical Critique of the Culture of Work and its Incorporation into the English Romantic Tradition: Josef Pieper, Jacques Maritain, Eric Gill and David Jones. 7. Concluding Remarks: Labor, Utility and Theology. Bibliography. Index
Sommario/riassunto	Hughes surveys 20th century theologies of work, contrasting differing approaches to consider the 'problem of labour' from a theological perspective. It is aimed at theologians concerned with how Christianity might engage in social criticism, as well as those interested in the

connection between Marxist and Christian traditions.

2. Record Nr.	UNINA9910254287003321
Autore	Quarteroni Alfio
Titolo	Numerical Models for Differential Problems // by Alfio Quarteroni
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-49316-7
Edizione	[3rd ed. 2017.]
Descrizione fisica	1 online resource (XVII, 681 p. 236 illus., 61 illus. in color.)
Collana	MS&A, Modeling, Simulation and Applications, , 2037-5255 ; ; 16
Disciplina	518.64
Soggetti	Mathematical analysis Analysis (Mathematics) Numerical analysis Mathematical models Applied mathematics Engineering mathematics Analysis Numerical Analysis Mathematical Modeling and Industrial Mathematics Applications of Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1 A brief survey of partial differential equations -- 2 Elements of functional analysis -- 3 Elliptic equations -- 4 The Galerkin finite element method for elliptic problems -- 5 Parabolic equations -- 6 Generation of 1D and 2D grids -- 7 Algorithms for the solution of linear systems -- 8 Elements of finite element programming -- 9 The finite volume method -- 10 Spectral methods -- 11 Isogeometric analysis -- 12 Discontinuous element methods (D Gandmortar) -- 13 Diffusion-transport-reaction equations -- 14 Finite differences for hyperbolic equations -- 15 Finite elements and spectral methods for hyperbolic equations -- 16 Nonlinear hyperbolic problems -- 17

Navier-Stokes equations -- 18 Optimal control of partial differential equations -- 19 Domain decomposition methods -- 20 Reduced basis approximation for parametrized partial differential equations -- References.

Sommario/riassunto

In this text, we introduce the basic concepts for the numerical modelling of partial differential equations. We consider the classical elliptic, parabolic and hyperbolic linear equations, but also the diffusion, transport, and Navier-Stokes equations, as well as equations representing conservation laws, saddle-point problems and optimal control problems. Furthermore, we provide numerous physical examples which underline such equations. We then analyze numerical solution methods based on finite elements, finite differences, finite volumes, spectral methods and domain decomposition methods, and reduced basis methods. In particular, we discuss the algorithmic and computer implementation aspects and provide a number of easy-to-use programs. The text does not require any previous advanced mathematical knowledge of partial differential equations: the absolutely essential concepts are reported in a preliminary chapter. It is therefore suitable for students of bachelor and master courses in scientific disciplines, and recommendable to those researchers in the academic and extra-academic domain who want to approach this interesting branch of applied mathematics.
