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   Autore   Foster John (John Elwall)

   Titolo   Bush, city, cyberspace : the development of Australian children's
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                      Maureen Nimon

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   Collana   Literature and Literacy for Young People, , 1325-4219 ; ; Number 6

   Altri autori (Persone) FinnisErn
                      NimonMaureen

   Disciplina   820.99282

   Soggetti   Children's literature, Australian - History and criticism
                      Children - Books and reading - Australia - History - 21st century
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   Lingua di pubblicazione Inglese

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   Note generali   Description based upon print version of record.

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   Nota di contenuto Cover; BUSH, CITY, CYBERSPACE:The Development of Australian
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                      DEDICATION; CONTENTS; ACKNOWLEDGEMENTS; FOREWORD; PREFACE;
                      INTRODUCTION; Note; CHAPTER 1 The origins of Australian children's
                      literature; Further reading; CHAPTER 2 On being Australian: The
                      Gallipolli legend; CHAPTER 3 Migration and national identity; CHAPTER
                      4 White voices/black voices: Indigenous children's literature; Further
                      reading; CHAPTER 5 The role and significance of the natural
                      environment; Further reading
                      CHAPTER 6 Negotiating the maze of life 1: Focus on the familyFurther
                      reading; CHAPTER 7 Negotiating the maze of life 2: Additional
                      dilemmas for today's children and adolescents; CHAPTER 8 Future
                      histories of Australia; CHAPTER 9 The hero and the quest: From Dot
                      and the kangaroo to Dragonkeeper; Further reading; CHAPTER 10

Popular fiction for the cyber-generation; Further reading; CHAPTER 11 Australian children's poetry; CHAPTER 12 Australian picture books; Further reading; BIBLIOGRAPHY; INDEX

Sommario/riassunto	Aimed at academic, professional and general readers, Bush, city, cyberspace provides a snapshot of the state of Australian children's and adolescent literature in the early twenty-first century, and an insight into its history. In doing so, it promotes a sense of where Australian literature for young people may be going and captures a literary and critical mood with which readers in Australia and beyond will identify. The title of the work is intended to capture the fact that the field has changed dramatically in the century and a half that 'Australian children's literature' has existed, from

2.	Record Nr.	UNINA9910454799403321
	Autore	Koprivanac Natalija
	Titolo	Hazardous organic pollutants in colored wastewaters [[electronic resource] /] / Natalija Koprivanac and Hrvoje Kusic
	Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
	ISBN	1-60741-909-2
	Descrizione fisica	1 online resource (91 p.)
	Altri autori (Persone)	KusicHrvoje
	Disciplina	667/.20286
	Soggetti	Hazardous wastes
		Organic water pollutants
		Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references (p. [59-72) and index.

3.	Record Nr.	UNINA9910795446103321
	Autore	Cacuci Dan Gabriel
	Titolo	The Second-Order Adjoint Sensitivity Analysis Methodology / / by Dan Gabriel Cacuci
	Pubbl/distr/stampa	Boca Raton, FL : , : Chapman and Hall/CRC, , 2018
	ISBN	1-351-64658-3 1-315-12027-5 1-4987-2649-6
	Edizione	[First edition.]
	Descrizione fisica	1 online resource (327 pages)
	Collana	Advances in Applied Mathematics
	Disciplina	003/.71
	Soggetti	Sensitivity theory (Mathematics) Large scale systems Nonlinear systems
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	MOTIVATION FOR COMPUTING FIRST- AND SECOND-ORDER SENSITIVITIES OF SYSTEM RESPONSES TO THE SYSTEMS PARAMETERS -- The Fundamental Role of Response Sensitivities for Uncertainty Quantification -- The Fundamental Role of Response Sensitivities for Predictive Modeling -- Advantages and Disadvantages of Statistical and Deterministic Methods for Computing Response Sensitivities -- ILLUSTRATIVE APPLICATION OF THE SECOND-ORDER ADJOINT SENSITIVITY ANALYSIS METHODOLOGY (2nd-ASAM) TO A LINEAR EVOLUTION PROBLEM -- Exact Computation of the 1st-Order Response Sensitivities -- Exact Computation of the 2nd-Order Response Sensitivities -- Computing the 2nd-Order Response Sensitivities Corresponding to the 1st-Order Sensitivities -- Discussion of the Essential Features of the 2nd-ASAM -- Illustrative Use of Response Sensitivities for Predictive Modeling -- THE SECOND-ORDER ADJOINT SENSITIVITY ANALYSIS METHODOLOGY (2nd-ASAM) FOR LINEAR SYSTEMS -- Mathematical Modeling of a General Linear System -- The 1st-Level Adjoint Sensitivity System (1st-LASS) for Computing Exactly and Efficiently 1st-Order Sensitivities of Scalar-Valued Responses for Linear Systems -- The 2nd-Level Adjoint Sensitivity System (2nd-LASS)

for Computing Exactly and Efficiently 1st-Order Sensitivities of Scalar-Valued Responses for Linear Systems -- APPLICATION OF THE 2nd-ASAM TO A LINEAR HEAT CONDUCTION AND CONVECTION BENCHMARK PROBLEM -- Heat Transport Benchmark Problem: Mathematical Modeling -- Computation of First-Order Sensitivities Using the 2nd-ASAM -- Computation of first-order sensitivities of the heated rod temperature -- Computation of first-order sensitivities of the coolant temperature -- Verification of the "ANSYS/FLUENT Adjoint Solver" -- Applying the 2nd-ASAM to Compute the Second-Order Sensitivities and Uncertainties for the Heat Transport Benchmark Problem -- APPLICATION OF THE 2nd-ASAM TO A LINEAR PARTICLE DIFFUSION PROBLEM -- Paradigm Diffusion Problem Description -- Applying the 2nd-ASAM to Compute the First-Order Response Sensitivities to Model Parameters -- Applying the 2nd-ASAM to Compute the Second-Order Response Sensitivities to Model Parameters -- Role of Second-Order Response Sensitivities for Quantifying Non-Gaussian Features of the Response Uncertainty Distribution -- Illustrative Application of First-Order Response Sensitivities for Predictive Modeling -- APPLICATION OF THE 2nd-ASAM FOR COMPUTING SENSITIVITIES OF DETECTOR RESPONSES TO UNCOLLIDED RADIATION TRANSPORT -- The Ray-Tracing Form of the Forward and Adjoint Boltzmann Transport Equation -- Application of the 2nd-ASAM to Compute the First-Order Response Sensitivities to Variations in Model Parameters -- Application of the 2nd-ASAM to Compute the Second-Order Response Sensitivities to Variations in Model Parameters -- THE SECOND-ORDER ADJOINT SENSITIVITY ANALYSIS METHODOLOGY (2nd-ASAM) FOR NONLINEAR SYSTEMS -- Mathematical Modeling of a General Nonlinear System -- The 1st-Level Adjoint Sensitivity System (1st-LASS) for Computing Exactly and Efficiently the 1st-Order Sensitivities of Scalar-Valued Responses -- The 2nd-Level Adjoint Sensitivity System (2nd-LASS) for Computing Exactly and Efficiently the 2nd-Order Sensitivities of Scalar-Valued Responses for Nonlinear Systems -- APPLICATION OF THE 2nd-ASAM TO A NONLINEAR HEAT CONDUCTION PROBLEM -- Mathematical Modeling of Heated Cylindrical Test Section -- Application of the 2nd-ASAM for Computing the 1st-Order Sensitivities -- Application of the 2nd-ASAM for Computing the 2nd-Order Sensitivities.

| Sommario/riassunto | The Second-Order Adjoint Sensitivity Analysis Methodology generalizes the First-Order Theory presented in the author's previous books published by CRC Press. This breakthrough has many applications in sensitivity and uncertainty analysis, optimization, data assimilation, model calibration, and reducing uncertainties in model predictions. The book has many illustrative examples that will help readers understand the complexity of the subject and will enable them to apply this methodology to problems in their own fields. Highlights: • Covers a wide range of needs, from graduate students to advanced researchers • Provides a text positioned to be the primary reference for high-order sensitivity and uncertainty analysis • Applies to all fields involving numerical modeling, optimization, quantification of sensitivities in direct and inverse problems in the presence of uncertainties. About the Author: Dan Gabriel Cacuci is a South Carolina SmartState Endowed Chair Professor and the Director of the Center for Nuclear Science and Energy, Department of Mechanical Engineering at the University of South Carolina. He has a Ph.D. in Applied Physics, Mechanical and Nuclear Engineering from Columbia University. He is also the recipient of many awards including four honorary doctorates, the Ernest Orlando Lawrence Memorial award from the U.S. Dept. of Energy and the Arthur Holly Compton, Eugene P. Wigner and the Glenn Seaborg Awards from |