

1. Record Nr.	UNINA990001321400403321
Autore	Ishiguro, Hide
Titolo	Leibniz's Philosophy of Logic and Language / Hide Ishiguro
Pubbl/distr/stampa	Cambridge : Cambridge University Press, 1990
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Descrizione fisica	X, 246 p. ; 22 cm
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Collocazione	121-N-35
Lingua di pubblicazione	Inglese
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Autore	Szirtes Thomas
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Pubbl/distr/stampa	Amsterdam ; ; New York, : Elsevier/Butterworth-Heinemann, c2007
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Descrizione fisica	1 online resource (853 p.)
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Soggetti	Dimensional analysis Engineering models
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Formato	Materiale a stampa
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Nota di bibliografia

Includes bibliographical references and index.

Nota di contenuto

Front Cover; Applied Dimensional Analysis and Modeling; Copyright Page; Contents; List of Titled Examples and Problems; Foreword to the First Edition; Foreword to the Second Edition; Acknowledgments; Preface to the First Edition; Preface to the Second Edition; Organization, Notation, and Conventions; Chapter 1. Mathematical Preliminaries; 1.1. Matrices and Determinants; 1.2. Operations with Matrices; 1.3. The Rank of a Matrix; 1.4. Systems of Linear Equations; 1.5. List of Selected Publications Dealing with Linear Algebra and Matrices; Chapter 2. Formats and Classification
2.1. Formats for Physical Relations 2.2. Classification of Physical Quantities; Chapter 3. Dimensional Systems; 3.1. General Statements; 3.2. Classification; 3.3. The SI; 3.4. Other Than SI Dimensional Systems; 3.5. A Note on the Classification of Dimensional Systems; Chapter 4. Transformation of Dimensions; 4.1. Numerical Equivalences; 4.2. Technique; 4.3. Examples; 4.4. Problems; Chapter 5. Arithmetic of Dimensions; Chapter 6. Dimensional Homogeneity; 6.1. Equations; 6.2. Graphs; 6.3. Problems; Chapter 7. Structure of Physical Relations; 7.1. Monomial Power Form; 7.2. The Dimensional Matrix
7.3. Generating Products of Variables of Desired Dimension 7.4. Number of Independent Sets of Products of Given Dimension (I); 7.5. Completeness of the Set of Products of Variables; 7.6. Special Case: Matrix A is Singular; 7.7. Number of Independent Sets of Products of Given Dimension (II); Buckingham's Theorem; 7.8. Selectable and Nonselectable Dimensions in a Product of Variables; 7.9. Minimum Number of Independent Products of Variables of Given Dimension; 7.10. Constancy of the Sole Dimensionless Product; 7.11. Number of Dimensions Equals or Exceeds the Number of Variables; 7.12. Problems
Chapter 8. Systematic Determination of Complete Set of Products of Variables 8.1. Dimensional Set; Derivation of Products of Variables of a Given Dimension; 8.2. Checking the Results; 8.3. The Fundamental Formula; Chapter 9. Transformations; 9.1. Theorems Related to Some Specific Transformations; 9.2. Transformation Between Systems of Different Matrices; 9.3. Transformation Between Dimensional Sets; 9.4. Independence of Dimensionless Products of the Dimensional System Used; Chapter 10. Number of Sets of Dimensionless Products of Variables; 10.1. Distinct and Equivalent Sets
10.2. Changes in a Dimensional Set Not Affecting the Dimensionless Variables 10.3. Prohibited Changes in a Dimensional Set; 10.4. Number of Distinct Sets; 10.5. Exceptions; 10.6. Problems; Chapter 11. Relevancy of Variables; 11.1. Dimensional Irrelevancy; 11.2. Physical Irrelevancy; 11.3. Problems; Chapter 12. Economy of Graphical Presentation; 12.1. Number of Curves and Charts; 12.2. Problems; Chapter 13. Forms of Dimensionless Relations; 13.1. General Classification; 13.2. Monomial is Mandatory; 13.3. Monomial is Impossible-Proven; 13.4. Monomial is Impossible- Not Proven
13.5. Reconstructions

Sommario/riassunto

Applied Dimensional Analysis and Modeling provides the full mathematical background and step-by-step procedures for employing dimensional analyses, along with a wide range of applications to problems in engineering and applied science, such as fluid dynamics, heat flow, electromagnetics, astronomy and economics. This new edition offers additional worked-out examples in mechanics, physics, geometry, hydrodynamics, and biometry.* Covers 4 essential aspects and applications: - principal characteristics of dimensional systems - applications of dimensional techniques in engine

3. Record Nr.	UNINA9910784962503321
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ISBN	1-281-20819-1 9786611208196 0-7546-8533-0
Descrizione fisica	1 online resource (400 p.)
Classificazione	74.94
Altri autori (Persone)	TriandafyllidouAnna GropasRuby
Disciplina	304.84
Soggetti	Migration, Internal - European Union countries European Union countries Emigration and immigration European Union countries Emigration and immigration Government policy
Lingua di pubblicazione	Inglese
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Nota di contenuto	Cover; Contents; List of Tables and Figures; Contributors; Acknowledgements; 1 Introduction; 2 Austria; 3 Belgium; 4 Cyprus; 5 Czech Republic; 6 Denmark; 7 Estonia; 8 Finland; 9 France; 10 Germany; 11 Greece; 12 Hungary; 13 Ireland; 14 Italy; 15 Latvia; 16 Lithuania; 17 Luxembourg; 18 Malta; 19 The Netherlands; 20 Poland; 21 Portugal; 22 Slovakia; 23 Slovenia; 24 Spain; 25 Sweden; 26 United Kingdom; 27 Concluding Remarks; Index
Sommario/riassunto	Who are Europe's immigrants? This innovative volume provides a comprehensive overview of the immigration situation in all 25 EU countries. Each chapter follows a common structure, allowing direct comparisons to be made between countries. The chapters conclude with a critical assessment of the present migration situation of the country in question and its future prospects.