

1. Record Nr.	UNINA9911106433003321
Titolo	Discovering reality : feminist perspectives on epistemology, metaphysics, methodology, and philosophy of science / / edited by Sandra Harding and Merrill B. Hintikka
Pubbl/distr/stampa	New York ; ; Boston, : Kluwer Academic Publishers, 2004
ISBN	0-306-48017-4
Edizione	[1st ed. 1983.]
Descrizione fisica	1 online resource (353 p.)
Collana	Synthese library ; ; v. 161
Altri autori (Persone)	HardingSandra G HintikkaMerrill B. <1939->
Disciplina	305.42
Soggetti	Feminism Philosophy - History Science - Philosophy Social sciences - Philosophy
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 and index.
Nota di contenuto	Woman is Not a Rational Animal: On Aristotle'S Biology of Reproduction -- Aristotle and the Politicization of the Soul -- The Unit of Political Analysis: Our Aristotelian Hangover -- Have Only Men Evolved? -- Evolution and Patriarchal Myths of Scarcity and Competition -- Charlotte Perkins Gilman: Forerunner of a Feminist Social Science -- The Trivialization of the Notion of Equality -- How Can Language be Sexist? -- A Paradigm of Philosophy: The Adversary Method -- The Man of Professional Wisdom -- Gender and Science -- The Mind'S Eye -- Individualism and the Objects of Psychology -- Political Philosophy and the Patriarchal Unconscious: A Psychoanalytic Perspective on Epistemology and Metaphysics -- The Feminist Standpoint: Developing the Ground for a Specifically Feminist Historical Materialism -- Why Has the Sex/Gender System Become Visible Only Now?.
Sommario/riassunto	Are Western epistemology, metaphysics, methodology and the philosophy of science grounded only in men's distinctive understandings of themselves, others, and nature? Does this less than human understanding distort our models of reason and of scientific inquiry? In different ways, the papers in this collection explore the

evidence for these increasingly reasonable and intriguing questions. They identify how it is distinctively masculine perspectives on masculine experience which have shaped the most fundamental and formal aspects of systematic thought in philosophy and the natural and social sciences - precisely the aspects of thought believed most gender-neutral. They show how these understandings ground Aristotle's biology and metaphysics; the very definition of the problems of philosophy in Plato, Descartes, Hobbes and Rousseau; the 'adversary method' which is the paradigm of philosophic and scientific reasoning; principles of individuation in philosophical ontology and the philosophy of language; individualistic assumptions in psychology; functionalism in sociological and biological theory; evolutionary theory; the methodology of political science; Marxist political economy; and conceptions of 'objective inquiry' in the social and natural sciences. These essays also begin to identify for us the distinctive aspects of women's experience which can provide the resources needed for the creation of a truly human understanding. Audience: The book will be of interest to those involved in epistemology, and philosophy of the natural and social sciences, as well as feminist scholars in philosophy. The work will also be of value for theorists, methodologists, and feminist scholars in the natural and social sciences.

2. Record Nr.	UNINA9910963528703321
Autore	El-Halwagi Mahmoud M. <1962->
Titolo	Sustainable design through process integration : fundamentals and applications to industrial pollution prevention, resource conservation, and profitability enhancement / / Mahmoud M. El-Halwagi
Pubbl/distr/stampa	Boston, MA, : Butterworth-Heinemann, c2012
ISBN	1-283-29359-5 9786613293596 0-08-096161-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (435 pages)
Classificazione	CHE 050f CIT 006f
Disciplina	660/.28
Soggetti	Chemical processes Sustainable engineering
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 and index.
Nota di contenuto	1 Introduction to Sustainability, Sustainable Design, and Process Integration; What is Sustainability?; What is Sustainable Design Through Process Integration; Motivating Examples on the Generation and Integration of Sustainable Design Alternatives; Structure and Learning Outcomes of the Book; References; 2 Overview of Process Economics; Cost Types and Estimation; Depreciation; Break-Even Analysis; Time-Value of Money; Profitabilty Analysis; Homework problems; References 3 Benchmarking Process Performance Through Overall Mass TargetingStoichiometry-Based Targeting; Mass-Integration Targeting; Mass Integration Strategies for Attaining the Targets; Homework problems; References; 4 Direct-Recycle Networks: A Graphical Approach; Problem Statement for the Design of Direct-Recycle Networks; Selection of Sources, Sinks, and Recycle Routes; Direct-Recycle Targets through Material Recycle Pinch Diagram; Design Rules from the Material Recycle Pinch Diagram; Extension to the Case of Impure Fresh; Insights for Process Modifications The Source-Sink Mapping Diagram for Matching Sources and SinksMulticomponent Source-Sink Mapping Diagram; Homework

problems; References; 5 Synthesis of Mass-Exchange Networks: A Graphical Approach; Mass-Exchange Network Synthesis Task; The MEN-Targeting Approach; The Corresponding Composition Scales; The Mass-Exchange Pinch Diagram; Constructing Pinch Diagrams without Process MSAs; Construction of the Men Configuratiovn with Minimum Number of Exchangers; Trading Off Fixed Cost versus Operating Cost; Homework Problems; Nomenclature; References; 6 Combining Mass-Integration Strategies
 Process Representation from a Mass-Integration Species Perspective
 Homework Problems; References; 7 Heat Integration; HEN-Synthesis Problem Statement; Minimum Utility Targets via the Thermal Pinch Diagram; Minimum Utility Targets Using the Algebraic Cascade Diagram; Screening of Multiple Utilities Using the Grand Composite Representation; Stream Matching and the Synthesis of Heat-Exchange Networks; Homework Problems; Nomenclature; References; 8 Integration of Combined Heat and Power Systems; Heat Engines; Steam Turbines and Power Plants
 Placement of Heat Engines and Integration with Thermal Pinch Analysis
 Heat Pumps; Closed-Cycle Vapor-Compression Heat Pumps Using a Separate Working Fluid (Refrigerant); Vapor-Compression Heat Pumps and Thermal Pinch Diagram; Open-Cycle Mechanical Vapor Recompression Using a Process Stream as the Working Fluid; Absorption Refrigeration Cycles; Cogeneration Targeting; Additional Readings; Homework Problems; References; 9 Property Integration; Property-Based Material Recycle/reuse Pinch Diagram; Process Modification Based on Property-Based Pinch Diagram; Clustering Techniques for Multiple Properties.

Sommario/riassunto

A professional reference that shows how mass integration techniques are used to maximise efficiency and sustainability and minimize the pollution of process systems and plants. Plant and unit operations professionals will save time and money by using the detailed tools and applications as part of their understanding of systematic process development. More generally it will be an important resource for those working with what commonly referred to as P2 (Pollution Prevention) technology. In addition to practitioners developing new systems and, more commonly, retrofitting old systems, the