

1. Record Nr.	UNINA9910418154403321
Autore	Pacente Carmine <1978->
Titolo	La citta metropolitana nell'Unione europea : programmazione comunitaria, esperienze europee a confronto e nuove prospettive // Carmine Pacente ; prefazione di Gianni Pittella ; postfazione di Guido Podesta
Pubbl/distr/stampa	Egea
Descrizione fisica	1 online resource (150 p.)
Soggetti	Local government - European Union countries Cities and towns - European Union countries
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9911006498003321
Autore	Klemeš Jirí Jaromír
Titolo	Process Integration and Intensification : Saving Energy, Water and Resources // Jirí Jaromír Klemeš, Petar Sabev Varbanov, Sharifah Rafidah Wan Wan Alwi, Zainuddin Abdul Manan
Pubbl/distr/stampa	Berlin ; ; Boston : , : De Gruyter, , [2014] ©2014
ISBN	9781523100552 1523100559 9781306935401 1306935407 9783110368246 3110368242 9783110306859 3110306859
Edizione	[1st ed.]
Descrizione fisica	1 online resource (268 p.)
Collana	De Gruyter Textbook
Disciplina	660 660.2815
Soggetti	Chemical processes Chemical industry - Energy conservation Chemical industry - Waste minimization

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	Frontmatter -- Preface -- Content -- Acronyms, abbreviations and symbols -- 1. Process Integration and Intensification: an introduction -- 2. Setting energy targets and Heat Integration -- 3. Synthesis of Heat Exchanger Networks -- 4. Total Site Integration -- 5. Introduction to Water Pinch Analysis -- 6. Setting the maximum water recovery targets -- 7. Water network design/retrofit -- 8. Design of Cost-Effective Minimum Water Network (CEMWN) -- 9. Conclusions and sources of further information -- Index
Sommario/riassunto	"The authors have provided all the elements required for complete understanding of the basic concepts in heat recovery and water minimization in chemical and related processes, and followed these with carefully selected and developed problems and solutions in order to ensure that the concepts delivered can be applied." Simon Perry, The University of Manchester. This graduate textbook covers fundamentals of the key areas of Process Integration and Intensification for intra-process heat recovery (Heat Integration), inter-process heat recovery and cogeneration (Total Site) as well as water conservation. Step by step working sessions are illustrated for deeper understanding of the taught materials. The textbook also provides a wealth of pointers as well as further information for readers to acquire more extensive materials on the diverse industrial applications and the latest development trends in Process Integration and Intensification. It is addressed to graduate students as well as professionals to help the effectively application of Process Integration and Intensification in plant design and operation.