1. Record Nr. UNINA990005865730403321

Autore	Serianni, Luca <1947- >
Titolo	Il primo Ottocento : dall'età giacobina all'Unità / Luca Serianni
Pubbl/distr/stampa	Bologna : il Mulino, c1989
ISBN	88-15-02413-1
Descrizione fisica	287 p. ; 22 cm
Collana	La nuova scienza , Serie di linguistica e critica letteraria
Disciplina	450.9
Locazione	FLFBC
Collocazione	COLL.286(2) 450.9 BRU 2(7)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNIORUON00018581

Titolo	30 years of Indonesia Independence / published by the State Secretariat, Republic of Indonesia
Pubbl/distr/stampa	Jakarta, : The State Secretariat, Republic of Indonesia, pref. 1975
Descrizione fisica	3 v. : ill. ; 29 cm (Cont.: 1: 1945-1949; 2: 1950-1965; 3: 1966-1975
Classificazione	INDS IV
Soggetti	INDONESIA - STORIA POLITICA - SEC. XX INDONESIA - INDIPENDENZA - RICORRENZE
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr. UNINA9910557382603321

Autore	Fossa Marco
Titolo	Design of Heat Exchangers for Heat Pump Applications
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (172 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Heat pumps (HPs) allow for providing heat without direct combustion, in both civil and industrial applications. They are very efficient systems that, by exploiting electrical energy, greatly reduce local environmental pollution and CO2 global emissions. The fact that electricity is a partially renewable resource and because the coefficient of

performance (COP) can be as high as four or more, means that HPs can be nearly carbon neutral for a full sustainable future.
The proper selection of the heat source and the correct design of the heat exchangers is crucial for attaining high HP efficiencies. Heat exchangers (also in terms of HP control strategies) are hence one of the main elements of HPs, and improving their performance enhances the effectiveness of the whole system. Both the heat transfer and pressure drop have to be taken into account for the correct sizing, especially in the case of mini- and micro-geometries, for which traditional models and correlations can not be applied. New models and measurements are required for best HPs system design, including optimization strategies for energy exploitation, temperature control, and mechanical reliability. Thus, a multidisciplinary approach of the analysis is requested and become the future challenge.