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Autore	Janssen J. M.
Titolo	Heat transfer to two-phase air/water mixtures flowing in small tubes with inlet disequilibrium / / J.M. Janssen, L.W. Florschuetz, and J.P. Fiszon
Pubbl/distr/stampa	[Cleveland, Ohio] : , : National Aeronautics and Space Administration, Lewis Research Center, , March 1986
Descrizione fisica	1 online resource (iv, 94 pages) : illustrations
Collana	NASA contractor report ; ; 175076
Soggetti	Design analysis Gas turbines Heat transfer Inlet temperature Two phase flow
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"March 1986." "Performing organization: Arizona State University, Dept. of Mechanical and Aerospace Engineering" Report documentation page.
Nota di bibliografia	Includes bibliographical references (pages 77-79).

2. Record Nr.	UNINA9910845091503321
Autore	Ramakrishna Seeram
Titolo	Handbook of Materials Circular Economy // by Seeram Ramakrishna, Brindha Ramasubramanian
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819705894 9819705894
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (267 pages)
Altri autori (Persone)	RamasubramanianBrindha
Disciplina	620.11
Soggetti	Materials science Sustainability Business logistics Environmental education Refuse and refuse disposal Materials Science Supply Chain Management Environmental and Sustainability Education Waste Management/Waste Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di contenuto	1. Introduction to Circular Economy principles for Materials -- 2. Materials flow, LCA, LCI, ESG – Indicators, Standards, Tools & Strategies -- 3. Circular Economy in Health Care: Materials and Solutions -- 4. Electronics and the Circular Economy: Design for Disassembly and Reuse -- 5. Sustainable Computing – Materials and Solutions -- 6. Circular Supply Chain Management for High-Tech Materials -- 7. Circular Economy and Corporate Social Responsibility -- 8. Case Studies - Accenture Strategy, Singapore SMEs.
Sommario/riassunto	This book provides comprehensive and practical information on the design and implementation of circular systems for various industries, with a focus on Environmental, Social, and Governance (ESG) factors. The scope of the handbook is to cover the materials circularity in a deeper analysis in accordance to ESG used in various industries such as

oil and gas, IT, electronics, medicine, textile, and more. The handbook also covers the key principles of the circular economy, including material efficiency, resource conservation, and waste reduction, and how they impact to different industries. It further critically analyses the challenges and opportunities associated with implementing circular systems in these industries, including the framework for new business models and technical innovations, and the potential benefits in terms of environmental protection, social responsibility, and economic competitiveness. In addition to providing practical information, the handbook also addresses the ESG factors associated with the circular economy exclusively for each industry. This would include the impact of circular systems on the environment, including the reduction of greenhouse gas emissions and the protection of biodiversity, as well as the social benefits, such as job creation, and the economic benefits, such as cost savings and increased competitiveness. The ultimate goal of the handbook should be to provide guidance and support in a niche evaluation for the development of a more sustainable and equitable future, where the circular economy is a key enabler.
