

1. Record Nr.	UNINA9910583384303321
Autore	D'Auria Francesco
Titolo	Thermal-hydraulics of water cooled nuclear reactors // Francesco D'Auria
Pubbl/distr/stampa	London, [England] : , : Academic Press, , 2017 ©2017
ISBN	0-08-100679-9 0-08-100662-4
Edizione	[1st edition]
Descrizione fisica	1 online resource (1,121 pages) : illustrations
Disciplina	539.7213
Soggetti	Water cooled reactors Thermal hydraulics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Thermal Hydraulics of Water-Cooled Nuclear Reactors reviews flow and heat transfer phenomena in nuclear systems and examines the critical contribution of this analysis to nuclear technology development. With a strong focus on system thermal hydraulics (SYS TH), the book provides a detailed, yet approachable, presentation of current approaches to reactor thermal hydraulic analysis, also considering the importance of this discipline for the design and operation of safe and efficient water-cooled and moderated reactors. Part One presents the background to nuclear thermal hydraulics, starting with a historical perspective, defining key terms, and considering thermal hydraulics requirements in nuclear technology. Part Two addresses the principles of thermodynamics and relevant target phenomena in nuclear systems. Next, the book focuses on nuclear thermal hydraulics modeling, covering the key areas of heat transfer and pressure drops, then moving on to an introduction to SYS TH and computational fluid dynamics codes. The final part of the book reviews the application of thermal hydraulics in nuclear technology, with chapters on V&V and uncertainty in SYS TH codes, the BEPU approach, and applications to new reactor design, plant lifetime extension, and accident analysis.

This book is a valuable resource for academics, graduate students, and professionals studying the thermal hydraulic analysis of nuclear power plants and using SYS TH to demonstrate their safety and acceptability. Contains a systematic and comprehensive review of current approaches to the thermal-hydraulic analysis of water-cooled and moderated nuclear reactors Clearly presents the relationship between system level (top-down analysis) and component level phenomenology (bottom-up analysis) Provides a strong focus on nuclear system thermal hydraulic (SYS TH) codes Presents detailed coverage of the applications of thermal-hydraulics to demonstrate the safety and acceptability of nuclear power plants

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2. <b>Record Nr.</b>	UNINA9910495686503321
<b>Autore</b>	Dogliani Patrizia
<b>Titolo</b>	Le fascisme des Italiens : Une histoire sociale / Patrizia Dogliani
<b>Pubbl/distr/stampa</b>	Grenoble, : UGA Éditions, 2020
<b>ISBN</b>	2-37747-212-5
<b>Descrizione fisica</b>	1 online resource (238 p.)
<b>Soggetti</b>	History History of Social Sciences Political Science fascisme Italie fasciste guerre Mussolini mémoire de guerre politique
<b>Lingua di pubblicazione</b>	Francese
<b>Formato</b>	Materiale a stampa
<b>Livello bibliografico</b>	Monografia
<b>Sommario/riassunto</b>	Aujourd'hui, les nouvelles droites d'Europe et d'Amérique latine se

rattachent plus ou moins explicitement aux politiques et aux valeurs du fascisme historique. Elles témoignent d'une empreinte durable du régime de Mussolini dans la société contemporaine. D'où la nécessité d'apporter un nouvel éclairage, sur un temps long, à ces mécanismes de continuité et de rupture. Première histoire sociale du fascisme italien éditée en France, cet ouvrage se distingue fortement dans le paysage historiographique actuel dominé par l'histoire politique et culturelle. Le livre dresse un panorama complet des problématiques qui animent la société italienne sous le fascisme : les différences de genre, la famille fasciste, la création de l'« homme nouveau », l'assistance sociale, la jeunesse et le rapport entre générations, l'organisation du temps libre et du sport, la ruralisation et la colonisation du territoire et des colonies d'outremer, l'évolution du racisme et de l'antisémitisme, l'italianisation forcée des populations allogènes, l'idée de nation fasciste et d'empire latin.

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