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Autore	Khoei, Amir R.
Titolo	Computational plasticity in powder forming processes [e-book] / Amir R. Khoei
Pubbl/distr/stampa	Amsterdam ; London : Elsevier, 2005
ISBN	9780080446363 0080446361
Descrizione fisica	xii, 449 p. : ill. (some col.) ; 25 cm
Disciplina	531.385015118
Soggetti	Plasticity - Mathematical models Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Sommario/riassunto	<p>The powder forming process is an extremely effective method of manufacturing structural metal components with high-dimensional accuracy on a mass production basis. The process is applicable to nearly all industry sectors. It offers competitive engineering solutions in terms of technical performance and manufacturing costs. For these reasons, powder metallurgy is developing faster than other metal forming technology. Computational Plasticity in Powder Forming Processes takes a specific look at the application of computer-aided engineering in modern powder forming technologies, with particular attention given to the Finite Element Method (FEM). FEM analysis provides detailed information on conditions within the processed material, which is often more complete than can be obtained even from elaborate physical experiments, and the numerical simulation makes it possible to examine a range of designs, or operating conditions economically. * Describes the mechanical behavior of powder materials using classical and modern constitutive theories. * Devoted to the application of adaptive FEM strategy in the analysis of powder forming processes. * 2D and 3D numerical modeling of powder forming processes are presented, using advanced plasticity models</p>

2. Record Nr.	UNINA9910823940403321
Autore	Warren Alan <1967->
Titolo	Burma, 1942 : the road from Rangoon to Mandalay / / Alan Warren
Pubbl/distr/stampa	London ; ; New York : , : Continuum, , 2011
ISBN	1-283-38016-1 9786613380166 1-4411-3370-4
Descrizione fisica	1 online resource (304 pages)
Disciplina	940.5425
Soggetti	World War, 1939-1945 - Campaigns - Burma
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 (pages [272]-275) and index.
Nota di contenuto	Preface; List of Maps; List of Illustrations; Chapter 1; British Burma and Imperial Japan; Chapter 2; Preparations for War; Chapter 3; The Outbreak of War in South-east Asia; Chapter 4; The Invasion of Burma; Chapter 5; Battle of Moulmein; Chapter 6; The Defence of the Salween River; Chapter 7; The Battle of Bilin River; Chapter 8; Confusion at Kyakto; Chapter 9; The Sittang Bridge; Chapter 10; The Demolition of the Sittang Bridge; Chapter 11; Rangoon in the Front Line; Chapter 12; Wavell Takes Charge; Chapter 13; Retreat from Rangoon; Chapter 14 The Imperial Japanese Navy and the Indian OceanChapter 15; Admiral Nagumo's Raid on Ceylon; Chapter 16; The Oilfields of Yenangyaung; Chapter 17; The Retreat to India; Chapter 18; The Consequences of Defeat; Notes; Bibliography; Index
Sommario/riassunto	In December 1941 Japan set out to seize South-East Asia and the western Pacific to complete the building of a self-sufficient empire. The rapid loss of all of Britain's possessions in the Far East was the culmination of a failed attempt to deal with the rise of Japanese imperialism. Britain's bluff was called and millions of Britain's 'protected' subjects in Asia fell into the hands of a brutal occupying power. The British fought the Second World War in Burma and India against the backdrop of nationalist unrest and revolt. The appalling Bengal famine of 1943, brought about by the loss of Burma's rice crop and the dislocation of government, would cause the deaths of many.

