

1. Record Nr.	UNINA9910453431503321
Autore	Banger Ravishekhar
Titolo	OpenCL programming by example // Ravishekhar Banger, Koushik Bhattacharyya
Pubbl/distr/stampa	Birmingham : , : Packt Publishing, , 2013
ISBN	1-84969-235-1
Edizione	[1st edition]
Descrizione fisica	1 online resource (304 p.)
Collana	Community experience distilled
Altri autori (Persone)	BhattacharyyaKoushik
Disciplina	005.2/75
Soggetti	OpenCL (Computer program language) Parallel programming (Computer science) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Authors; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Hello OpenCL; Advances in computer architecture; Different parallel programming techniques; OpenMP; MPI; OpenACC; CUDA; CUDA or OpenCL?; Renderscripts; Hybrid parallel computing model; Introduction to OpenCL; Hardware and software vendors; Advanced Micro Devices, Inc. (AMD); NVIDIA®; Intel®; ARM Mali™ GPUs; OpenCL components; An example OpenCL program; Basic software requirements; Windows; Linux; Installing and setting up an OpenCL compliant computer; Installation steps Installing OpenCL on a Linux system with an AMD graphics card Installing OpenCL on a Linux system with an NVIDIA graphics card; Installing OpenCL on a Windows system with an AMD graphics card; Installing OpenCL on a Windows system with an NVIDIA graphics card; Apple OSX; Multiple installations; Implement the SAXPY routine in OpenCL; Summary; References; Chapter 2: OpenCL Architecture; Platform model; AMD A10 5800K APUs; AMD Radeon™ HD 7870 Graphics Processor; NVIDIA® GeForce® GTC 680 GPU; Intel® IVY bridge; Platform versions; Query Platforms; Query devices; Execution model; NDRange OpenCL context OpenCL command queue; Memory model; Global memory; Constant memory; Local memory; Private memory; OpenCL

ICD; What is an OpenCL ICD?; Application scaling; Summary; Chapter 3: OpenCL Buffer Objects; Memory Objects; Creating Subbuffer objects; Histogram calculation; Algorithm; OpenCL Kernel Code; The Host Code; Reading and writing buffers; Blocking_read and Blocking_write; Rectangular or cuboidal reads; Copying buffers; Mapping buffer objects; Querying buffer objects; Undefined behavior of the cl_mem objects; Summary; Chapter 4: OpenCL Images; Creating images Image format descriptor cl_image_format Image details descriptor cl_image_desc; Passing image buffers to kernels; Samplers; Reading and writing buffers; Copying and filling images; Mapping image objects; Querying image objects; Image histogram computation; Summary; Chapter 5: OpenCL Program and Kernel Objects; Creating program objects; Creating and building program objects; OpenCL program building options; Querying program objects; Creating binary files; Offline and online compilation; SAXPY using the binary file; SPIR - Standard Portable Intermediate Representation; Creating kernel objects Setting kernel arguments Executing the kernels; Querying kernel objects; Querying kernel argument; Releasing program and kernel objects; Built-in kernels; Summary; Chapter 6: Events and Synchronization; OpenCL events and monitoring of these events; OpenCL event synchronization models; No synchronization needed; Single device in-order usage; Synchronization needed; Single device and out-of-order queue; Multiple devices and different OpenCL contexts; Multiple devices and single OpenCL context; Coarse grained synchronization; Event based or fine grained synchronization Getting information about cl_event

Sommario/riassunto

This book follows an example-driven, simplified, and practical approach to using OpenCL for general purpose GPU programming. If you are a beginner in parallel programming and would like to quickly accelerate your algorithms using OpenCL, this book is perfect for you! You will find the diverse topics and case studies in this book interesting and informative. You will only require a good knowledge of C programming for this book, and an understanding of parallel implementations will be useful, but not necessary.

2. Record Nr.	UNINA9910462074603321
Autore	Wood Jamie P. <1978->
Titolo	The politics of identity in Visigoth Spain [[electronic resource]] : religion and power in the histories of Isidor of Seville / / by Jamie Wood
Pubbl/distr/stampa	Leiden ; ; Boston, : Brill, c2012
ISBN	1-280-49592-8 9786613591159 90-04-22432-7
Descrizione fisica	1 online resource (287 p.)
Collana	Brill's series on the early Middle Ages, , 1878-4879 ; ; v. 21
Disciplina	946/.01
Soggetti	Visigoths - Spain - History Church and state - Spain - History - To 1500 Nation-building - Spain - History - To 1500 National characteristics, Spanish Group identity - Spain Electronic books. Spain History Gothic period, 414-711 Spain Ethnic relations History To 1500 Spain Civilization To 711
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	Preliminary Material -- Introduction -- Iberian Identities: Isidore in Context -- Reception and Reuse: History, Historians and Historiography in the Writings of Isidore of Seville -- A Spanish Homeland: History, Kingship and Conquest in the Histories of Isidore of Seville -- The Hispano-Visigothic Church Triumphant: Religion and Conversion in Isidore's Histories -- Conclusions -- Bibliography -- Index.
Sommario/riassunto	Previous scholarship has interpreted Bishop Isidore of Seville (d. 636) retrospectively as the architect of the medieval Spanish church, as the father of Spanish identity, and as a key figure in the transmission of Classical and Patristic learning to the Middle Ages. Drawing on recent studies on identity formation in the early medieval period and an upsurge in interest in late antique Spain, this book examines the

historical Isidore as a social actor managing a complex web of responsibilities and relationships. A comparative analysis of Isidore's historical works demonstrates that writing about the past was a method for reconciling Visigothic kings, nobles and Spanish bishops in a period of transformation. This results in a fresh portrait of Isidore as motivated, both politically and pastorally, to balance competing interests and ensure the spiritual and material security of the people of Spain.

3. Record Nr.	UNISA996461950403316
Autore	BARON, Beth
Titolo	Egypt as a woman : nationalism, gender, and politics / Beth Baron
Pubbl/distr/stampa	Berkeley [etc.], : University of California Press, 2005
ISBN	0-520-23857-5
Descrizione fisica	Testo elettronico (PDF) (XV, 287 p.) : ill.
Disciplina	305.40962
Soggetti	Donne - Egitto - Politica - 1800-1940
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Sommario/riassunto	Questo libro originale e ricco esamina l'influenza del genere femminile nel plasmare la nazione egiziana dal XIX secolo alla rivoluzione del 1919 e fino agli anni '40. In Egypt as a Woman, Beth Baron sviluppa due filoni: il primo analizza il linguaggio e le immagini di genere della nazione, il secondo considera le attività politiche delle donne nazionaliste. Mostra che, anche se le donne erano in gran parte escluse dalla partecipazione allo stato, l'immaginario visivo del nazionalismo era pieno di figure femminili. Baron contrappone l'idealizzazione della famiglia e del femminile nella retorica nazionalista con il lavoro delle attiviste che lottano per l'indipendenza nazionale.

4. Record Nr.	UNISA996390533703316
Autore	Docwra Anne <1624-1710.>
Titolo	The second part of An apostate-conscience exposed [[electronic resource]] : being an answer to a scurrilous pamphlet, dated the 11th of April, 1699. Written and published, by F. Bugg, intituled, Jezabel withstood, and her daughter Ann Docwra reproved for her lies and lightness, in her book, stiled, An apostate conscience exposed, &c. By Ann Docwra
Pubbl/distr/stampa	London, : printed and sold by T. Sowle, in White-hart-court in Gracious-street, 1700
Descrizione fisica	48, [2] p
Soggetti	Society of Friends - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	The final leaf is blank. Reproduction of the original in the Friends House Library, London.
Sommario/riassunto	eebo-0080