1.	Record Nr.	UNINA9910464371403321
	Titolo	International disaster nursing / / Robert Powers and Elaine Daily, editors [[electronic resource]]
	Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2010
	ISBN	1-107-38443-5
		1-107-20378-3
		1-283-37826-4
		9786613378262
		1-139-18866-6
		1-139-18738-4
		1-139-18997-2
		1-139-18275-7
		1-139-18506-3
		0-511-84141-8
	Descrizione fisica	1 online resource (xxiii, 614 pages) : digital, PDF file(s)
	Disciplina	610.7349
	Soggetti	Disaster nursing
		Disaster medicine
		Emergency management
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Introduction to disasters and disaster nursing / Robert Powers -- Healthcare facility preparedness / Knox Andress -- Community behavior and response to disaster / Tricia Wachtendorf, James M. Kendra, Brandi Lea -- First responders / Dario Gonzalez -- Disaster triage / Jamie Ranse, Kathryn Zeitz. Public health response / Jane V.E. Richter -- Pandemic planning / Lynn A. Slepski -- Health issues in humanitarian emergencies / Mary Lou Fisher, Daksha Brahmbhatt, Robert Powers, Elaine Daily -- Disaster mental health / Margaret Grigg, Frances Hughes -- Disaster ethics / Leila Toiviainen, Elaine Daily -- Disaster recovery / Gerard J. FitzGerald, Peter Aitken, Elinor R. Davis, Elaine Daily -- Southeast Asia tsunami:

health aspects / Elaine Daily -- Hurricane Katrina: health aspects / Anne Hutton, Helen Tilden -- Disaster nursing educational competencies / Lynn A. Slepski, Marguerite T. Littleton-Kearney -- Disaster nursing research / Dean Whitehead, Paul Arbon -- Disaster research framework / Elaine Daily.

Explosive event preparedness / response / Angelo Agostini -- Decontamination / Robert Powers -- Populations with vulnerabilities and special needs / Kelly Burkholder-Allen -- Disasters and children / Karen Olness -- Regional planning / Douglas Havron -- US federal resources and response / Alan D. Cohn, J. Bennet Waters -- International disaster response / Susan M. Briggs -- Disaster nursing responses in Japan / Satoko Mitani -- Preparedness of the Israeli health system for emergencies / Bruria Adini, Robert Cohen, Daniel Laor.

Hospital impact: internal disasters / Theo J. Ligthelm -- Healthcare facilities incident command / Craig DeAtley -- Chemical preparedness and response / Yukiya Hakozaki -- Biological preparedness and response / Adrian Crowe -- Emergency management of radiation injuries and illnesses / Doran M. Christensen, Steven M. Becker, Robert C. Whitcomb, Jr., W. Mark Hart, Steve Sugarman.

Hospital impact: emergency department / Margaret M. McMahon -- Hospital impact: immediate issues / Hazel E. Harley, Bronwen Kelly, Muriel G. Leclercq, Andy G. Robertson, Wayne Snell, Robert B. Stewart -- Hospital impact: long-term issues / Maxim Pekarev, Kuldeep Singh, Roberta P. Lavin, Sophia Hsu, Tonya J. Broyles.

| Sommario/riassunto | The effects of a disaster on healthcare can range from conditions that immediately besiege the system with large numbers of patients, to catastrophes that strain its long-term sustainability. Nurses, as frontline health professionals, must have an understanding of the situations they may face before, during and after a disaster and they must develop the skills and strategies to provide effective and immediate care. International Disaster Nursing is the first truly comprehensive and internationally focused resource to address the diversity of issues and myriad scenarios that nurses and other health personnel could encounter during a disaster event. This text defines the many roles of the nurse within a multidisciplinary team, and aids the implementation of the community's disaster plans in a crisis. With an alarming increase in the occurrence of disasters in the last decade, International Disaster Nursing is the hallmark text in the field. |

2.	Record Nr.	UNISA996525668303316
	Titolo	Parallel and distributed computing, applications and technologies : 23rd international conference, PDCAT 2022, Sendai, Japan, December 7-9, 2022, proceedings / / edited by Hiroyuki Takizawa [and five others]
	Pubbl/distr/stampa	Cham, Switzerland : , : Springer Nature Switzerland AG, , [2023] ©2023
	ISBN	3-031-29927-2
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (526 pages)
	Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 13798
	Disciplina	004.35
	Soggetti	Electronic data processing - Distributed processing Parallel processing (Electronic computers)
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Heterogeneous System (1) -- Towards Priority-Flexible Task Mapping for Heterogeneous Multi-Core NUMA systems -- Multi-GPU Scaling of a Conservative Weakly Compressible Solver for Large-scale Two-phase Flow Simulation -- Improving the Performance of Lattice Boltzmann Method with Pipelined Algorithm on A Heterogeneous Multi-zone Processor -- FPGA -- DEEPFAKE CLI: Accelerated Deepfake Detection using FPGAs -- Memory access optimization for former process of pencil drawing style image conversion in High-level Synthesis -- Word2Vec FPGA Accelerator Based on Spatial and Temporal Parallelism -- HPC & AI -- Analyzing I/O Performance of a Hierarchical HPC Storage System for Distributed Deep Learning -- An Advantage Actor-Critic Deep Reinforcement Learning Method for Power Management in HPC Systems -- An AutoML Based Algorithm for Performance Prediction in HPC Systems -- Embedded systems & Communication -- Edge-Gateway Intrusion Detection for Smart Home -- Energy-Delay Tradeoff in Parallel Task Allocation and Execution for Autonomous Platooning Applications -- A Reservation-based List Scheduling for Embedded Systems with Memory Constraints -- Formalization and Verification of SIP Using CSP -- Blockchain -- Towards a Blockchain and Fog-Based Proactive Data Distribution Framework for ICN -- Research on user

influence weighted scoring algorithm incorporating incentive mechanism -- BloodMan-Chain: A Management of Blood and Its Products Transportation based on Blockchain Approach -- Deep Learning -- A Systematic Comparison on Prevailing Intrusion Detection Models -- Enhancing Resolution of Inferring Hi-C Data Integrating U-Net and ResNet Networks -- Detecting Network Intrusions with Resilient Approaches Based on Convolutional Neural Networks -- Quantum Computing & Programming Language -- Analysis of Precision Vectors for Ising-based Linear Regression -- Evaluating and Analyzing Irregular Tree Search in the Tascell and HOPE Parallel Programming Languages -- Best Papers -- Distributed Parallel Tall-Skinny QR factorization: Performance Evaluation of Various Algorithms on Various Systems -- A Partitioned Memory Architecture with Prefetching for Efficient Video Encoders -- A Hardware Trojan Exploiting Coherence Protocol on NoCs -- A System-Wide Communication to Couple Multiple MPI Programs for Heterogeneous Computing -- Heterogeneous System (2) -- A task-parallel runtime for heterogeneous multi-node vector systems -- Accelerating Radiative Transfer Simulation on NVIDIA GPUs with OpenACC -- QR Factorization of Block Low-Rank Matrices on Multi-Instance GPU -- Equivalence Checking & Model checking -- Equivalence Checking of Code Transformation by Numerical and Symbolic Approaches -- MEA: A Framework for Model Checking of Mutual Exclusion Algorithms Focusing on Atomicity -- Interconnect -- A High-Radix Non-Random Shortcut Network Topology for Efficient Collective Communication -- Fault Tolerance and Packet Latency of Peer Fat-Trees -- Accelerating Imbalanced Many-to-Many Communication with Systematic Delay Insertion -- Optimization (1) -- Optimizing Depthwise Convolutions on ARMv8 Architecture -- A Profiling-based Approach to Cache Partitioning of Program Data -- Optimization (2) -- Memory Bandwidth Conservation for SpMV Kernels through Adaptive Lossy Data Compression -- SimdFSM: An Adaptive Vectorization of Finite State Machines for Speculative Execution -- Privacy -- Broad Learning Inference Based on Fully Homomorphic Encryption -- Application of probabilistic common set in the open world set for vertical federated learning -- Workflow -- Towards a Standard Process Management Infrastructure for Workflows. .

Sommario/riassunto	This book constitutes the proceedings of the 23rd International Conference on Parallel and Distributed Computing, Applications, and Technologies, PDCAT 2022, which took place in Sendai, Japan, during December 7-9, 2022. The 24 full papers and 16 short papers included in this volume were carefully reviewed and selected from 95 submissions. The papers are categorized into the following topical sub-headings: Heterogeneous System (1; HPC & AI; Embedded systems & Communication; Blockchain; Deep Learning; Quantum Computing & Programming Language; Best Papers; Heterogeneous System (2); Equivalence Checking & Model checking; Interconnect; Optimization (1); Optimization (2); Privacy; and Workflow.