1.	Record Nr.	UNINA9910254987903321
	Titolo	Context-Aware Systems and Applications : 4th International Conference, ICCASA 2015, Vung Tau, Vietnam, November 26-27, 2015, Revised Selected Papers / / edited by Phan Cong Vinh, Vangalur Alagar
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
	ISBN	3-319-29236-6
	Edizione	[1st ed. 2016.]
	Descrizione fisica	1 online resource (XIV, 450 p. 230 illus.)
	Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 165
	Disciplina	004
	Soggetti	Information storage and retrieval systems
		Application software
		User interfaces (Computer systems)
		Human-computer interaction
		Image processing - Digital techniques
		Computer vision
		Electronic commerce
		Information Storage and Retrieval
		Computer and Information Systems Applications
		User Interfaces and Human Computer Interaction
		Computer Imaging, Vision, Pattern Recognition and Graphics
		e-Commerce and e-Business
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	Products and Coproducts of Autonomic Systems -- Finite Limits and Colimits in Autonomic Systems -- A Context-Aware Healthcare Architecture for the Elderly -- Snapcab: Urban Scale Context-Aware Smart Transport using Adaptive Context Tries -- Sound Waves Gesture Recognition for Human-Computer Interaction -- Context-Based Classifier Grids Learning for Object Detection in Surveillance Systems -- Using the Cumulative Sum Algorithm Against Distributed Denial of Service Attacks in Internet of Things -- Memory Resource Estimation of Component-Based Systems -- Context-aware Approach for

Determining the Threshold Price in Name-Your-Own-Price Channels -- Travel Destination Recommendation based on Probabilistic Spatio-temporal Inference -- MBTI-based Collaborative Recommendation System: A Case Study of Webtoon Contents -- Social Affinity based Group Recommender System -- Context-based Traffic Recommendation System -- User Timeline and Interest-based Collaborative Filtering on Social Network -- Community Centrality-based Greedy Approach for Identifying Top-K Influencers in Social Networks -- Context-based Service Identification in the Museum Environment -- A Federated Approach for Simulations in Cyber-Physical Systems. .

Sommario/riassunto	This book constitutes the thoroughly refereed proceedings of the 4th International Conference on Context-Aware Systems and Applications, ICCASA 2015, held in Vung Tau, Vietnam, in November 2015. The 44 revised full papers presented were carefully selected and reviewed from over 100 submissions. The papers cover a wide spectrum of issues in the area of context-aware systems (CAS) and context-based recommendation systems. CAS is characterized by its self- facets such as self-organization, self-configuration, self-healing, self-optimization, self-protection and so on whose context awareness used to dynamically control computing and networking functions. The overall goal of CAS is to realize nature-inspired autonomic systems that can manage themselves without direct human interventions.