1.	Record Nr.	UNINA9910483397403321
	Titolo	Algorithmic Aspects of Wireless Sensor Networks : Fourth International Workshop, ALGOSENSORS 2008, Reykjavik, Iceland, July 2008. Revised Selected Papers / / edited by Sandor P. Fekete
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
	ISBN	3-540-92862-6
	Edizione	[1st ed. 2008.]
	Descrizione fisica	1 online resource (XI, 151 p.)
	Collana	Computer Communication Networks and Telecommunications, , 2945-9184 ; ; 5389
	Disciplina	681.2
	Soggetti	Computer networks Computer programming Algorithms Computer science - Mathematics Discrete mathematics Artificial intelligence - Data processing Computer Communication Networks Programming Techniques Discrete Mathematics in Computer Science Data Science
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Algorithms for Sensor Networks: What Is It Good for? -- Tight Local Approximation Results for Max-Min Linear Programs -- Minimizing Average Flow Time in Sensor Data Gathering -- Target Counting under Minimal Sensing: Complexity and Approximations -- Efficient Scheduling of Data-Harvesting Trees -- Link Scheduling in Local Interference Models -- Algorithms for Location Estimation Based on RSSI Sampling -- Random Fault Attack against Shrinking Generator -- Probabilistic Protocols for Fair Communication in Wireless Sensor Networks -- Simple Robots in Polygonal Environments: A Hierarchy -- Deployment of Asynchronous Robotic Sensors in Unknown Orthogonal Environments -- Optimal Backlog in the Plane.

Sommario/riassunto   This book constitutes the reviewed proceedings of the Fourth
                      International Workshop on Algorithmic Aspects of Wireless Sensor
                      Networks, ALGOSENSORS 2008, held in Reykjavik, Iceland, Wroclaw,
                      Poland, July 12, 2008. The workshops aimed at bringing together
                      research contributions related to diverse algorithmic and complexity-
                      theoretic aspects of wireless sensor networks. The topics include but
                      are not limited to optimization problems, noise and probability, robots
                      and tours.