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	Soggetti	Algorithms Numerical analysis Computer science—Mathematics Computer communication systems Artificial intelligence Algorithm Analysis and Problem Complexity Numeric Computing Discrete Mathematics in Computer Science Computer Communication Networks Artificial Intelligence
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	Note generali	Includes author index.
	Nota di contenuto	Sensor networks -- Barrier resilience, localization, connectivity with directional antennas -- Broadcast scheduling, and data aggregation -- Ad hoc wireless and mobile systems -- SINR model -- Geometric routing -- Cognitive radio networks -- Video delivery -- Mapping polygons.
	Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 8th International Workshop on Algorithms for Sensor Systems, Wireless Ad Hoc Networks, and Autonomous Mobile Entities, ALGOSENSORS 2012, held in Ljubljana, Slovenia, in September 2012. The 11 revised full papers presented together with two invited

keynote talks and two brief announcements were carefully reviewed and selected from 24 submissions. The papers are organized in two tracks: sensor networks - covering topics such as barrier resilience, localization, connectivity with directional antennas, broadcast scheduling, and data aggregation; and ad hoc wireless and mobile systems - covering topics such as: SINR model; geometric routing; cognitive radio networks; video delivery; and mapping polygons.