

1. Record Nr.	UNINA9910254572603321
Autore	Martínez-de Dios José Ramiro
Titolo	Cluster-based Localization and Tracking in Ubiquitous Computing Systems / by José Ramiro Martínez-de Dios, Alberto de San Bernabé-Clemente, Arturo Torres-González, Anibal Ollero
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2017
ISBN	3-662-54761-9
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XVI, 82 p. 32 illus., 6 illus. in color.)
Collana	SpringerBriefs in Cooperating Objects, , 2625-6908
Disciplina	006.754
Soggetti	Electrical engineering Application software Robotics Automation Communications Engineering, Networks Information Systems Applications (incl. Internet) Robotics and Automation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1 Introduction -- 2 Architectures for target localization and tracking -- 3 Measurement integration for localization and tracking -- 4 Node inclusion/exclusion in cluster-based tracking -- 5 Cluster head selection for target tracking.
Sommario/riassunto	Localization and tracking are key functionalities in ubiquitous computing systems and techniques. In recent years a very high variety of approaches, sensors and techniques for indoor and GPS-denied environments have been developed. This book briefly summarizes the current state of the art in localization and tracking in ubiquitous computing systems focusing on cluster-based schemes. Additionally, existing techniques for measurement integration, node inclusion/exclusion and cluster head selection are also described in this book.