1. Record Nr. UNINA9910696222603321

Titolo	The distribution of submersed aquatic vegetation in the fresh and oligohaline tidal Potomac River, 2004 [[electronic resource] /] / by Nancy B. Rybicki ... [and others]
Pubbl/distr/stampa	Reston, Va. : , : U.S. Geological Survey, , 2007
Descrizione fisica	iv, 27 pages : digital, PDF file
Collana	Open-file report ; ; 2007-1198
Altri autori (Persone)	RybickiNancy B
Soggetti	Aquatic plants - Potomac River Brackish water plants - Potomac River
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from PDF title screen (viewed on July 24, 2007).
Nota di bibliografia	Includes bibliographical references (page 5).

2. Record Nr. UNINA9910437786103321

Titolo	TOF range-imaging cameras / / Fabio Remondino, David Stoppa, editors
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, 2013
ISBN	3-642-27523-0
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (243 p.)
Altri autori (Persone)	RemondinoFabio StoppaDavid
Disciplina	681.25
Soggetti	Image processing - Digital techniques Electronic surveillance Three-dimensional imaging Time-of-flight mass spectrometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	State-of-the-art of ToF Range Image Sensors and their applications -- SPAD-based Sensors -- Electronic-based Sensors -- Sensors based on in-pixel Photo-mixing devices -- Understanding and ameliorating mixed pixels and multipath interference in AMCW LiDAR -- 3D Cameras: errors, calibration and orientation.- ToF cameras for architectural survey -- Indoor navigation using range imaging.-ToF cameras and stereo systems: comparison and data fusion -- ToF cameras in ambient-assisted living applications -- Application overview of commercial ToF cameras.
Sommario/riassunto	Today the cost of solid-state two-dimensional imagers has dramatically dropped, introducing low cost systems on the market suitable for a variety of applications, including both industrial and consumer products. However, these systems can capture only a two-dimensional projection (2D), or intensity map, of the scene under observation, losing a variable of paramount importance, i.e., the arrival time of the impinging photons. Time-Of-Flight (TOF) Range-Imaging (TOF) is an emerging sensor technology able to deliver, at the same time, depth and intensity maps of the scene under observation. Featuring different sensor resolutions, RIM cameras serve a wide

community with a lot of applications like monitoring, architecture, life sciences, robotics, etc. This book will bring together experts from the sensor and metrology side in order to collect the state-of-art researchers in these fields working with RIM cameras. All the aspects in the acquisition and processing chain will be addressed, from recent updates concerning the photo-detectors, to the analysis of the calibration techniques, giving also a perspective onto new applications domains.