

1. Record Nr.	UNINA9910830266003321
Autore	Maggio Emilio
Titolo	Video tracking [[electronic resource]] : theory and practice / / Emilio Maggio, Andrea Cavallaro
Pubbl/distr/stampa	Chichester, West Sussex, UK ; ; Hoboken, NJ, : Wiley, 2010
ISBN	1-119-95686-2 1-280-76757-X 9786613678348 0-470-97438-9 0-470-97437-0
Descrizione fisica	1 online resource (294 p.)
Altri autori (Persone)	CavallaroAndrea
Disciplina	621.389/28 621.38928
Soggetti	Video surveillance Automatic tracking
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 and index.
Nota di contenuto	VIDEO TRACKING; Contents; Foreword; About the authors; Preface; Acknowledgements; Notation; Acronyms; 1 What is video tracking?; 2 Applications; 3 Feature extraction; 4 Target representation; 5 Localisation; 6 Fusion; 7 Multi-target management; 8 Context modeling; 9 Performance evaluation; Epilogue; Further reading; Appendix A Comparative results; Index
Sommario/riassunto	Video Tracking provides a comprehensive treatment of the fundamental aspects of algorithm and application development for the task of estimating, over time, the position of objects of interest seen through cameras. Starting from the general problem definition and a review of existing and emerging video tracking applications, the book discusses popular methods, such as those based on correlation and gradient-descent. Using practical examples, the reader is introduced to the advantages and limitations of deterministic approaches, and is then guided toward more advanced video tracking solu