

1. Record Nr.	UNINA9910346948103321
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Titolo	Tracking Extended Objects with Active Models and Negative Measurements
Pubbl/distr/stampa	KIT Scientific Publishing, 2019
ISBN	1000088267
Descrizione fisica	1 online resource (XIX, 179 p. p.)
Collana	Karlsruhe Series on Intelligent Sensor-Actuator-Systems / Karlsruher Institut für Technologie, Intelligent Sensor-Actuator-Systems Laboratory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Extended object tracking deals with estimating the shape and pose of an object based on noisy point measurements. This task is not straightforward, as we may be faced with scarce low-quality measurements, little a priori information, or we may be unable to observe the entire target. This work aims to address these challenges by incorporating ideas from active contours and exploiting information from negative measurements, which tell us where the target cannot be.