

1. Record Nr.	UNINA9910813068003321
Titolo	Operations research for unmanned systems // edited by Jeffrey R. Cares and John Q. Dickmann, Jr
Pubbl/distr/stampa	Chichester, West Sussex, United Kingdom ; ; Hoboken, NJ : , : Wiley, , 2016
ISBN	1-118-91892-4 1-118-91891-6
Descrizione fisica	1 online resource (407 p.)
Disciplina	629.04/6
Soggetti	Autonomous vehicles - Industrial applications Drone aircraft - Industrial applications Vehicles, Remotely piloted - Industrial applications
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	The in-transit vigilant covering tour problem for routing unmanned ground vehicles / Huang Teng Tan and Raymond R. Hill -- Near-optimal assignment of UAVs to targets using a market-based approach / Elad Kivelevitch, Kelly Cohen and Manish Kumar -- Considering mine countermeasures exploratory operations conducted by autonomous underwater vehicles / Bao Nguyen, David Hopkin, and Handson Yip -- Optical search by UAVs : fauna detection case study / R. Prieto, E. Mendez, J.J. Vales, I. Pino, I.R. Carpintero, L. Granado, G. Montoya, F. Gimenez de Azcarate, F. Caceres and J.M. Moreira -- A flight time approximation model for unmanned aerial vehicles : estimating the effects of path variations and wind / Matthew J. Henchey, Rajan Batta, Mark Karwan and Agamemnon Crassidis -- Impacts of unmanned ground vehicles on combined arms team performance / Fred D. J. Bowden, Richard M. Dexter, Denis R. Shine, Andrew W. Coutts, Luke Finlay and Ben Pietsch -- Processing, exploitation and dissemination : when is aided/automated target recognition "good enough" for operational use? / Patrick Chisan Hew -- Analyzing a design continuum for automated military convoy operations / David M. Mahalak -- Experimental design for unmanned aerial systems analysis : bringing statistical rigor to UAS testing / Raymond R. Hill and Brian B. Stone --

Total cost of ownership (TOC) : an approach for estimating UMAS costs / Ricardo Valerdi and Thomas R. Ryan, Jr -- Logistic support for unmanned systems / Major Keirin Joyce, Australian Army -- Organizing for improved effectiveness in networked operations / Sean Deller, Ghaith Rabadi, Andreas Tolk and Shannon R. Bowling -- An exploration of performance distributions in collectives / Jeffrey R. Cares -- Distributed combat power : the application of salvo theory to unmanned systems / Jeffrey R. Cares.
