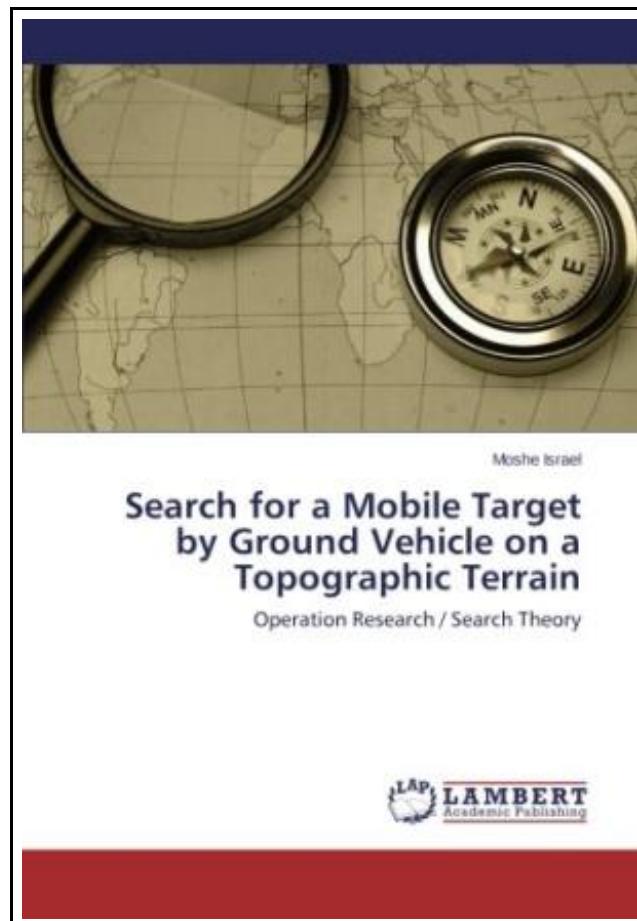


Search for a Mobile Target by Ground Vehicle on a Topographic Terrain



Filesize: 7.83 MB

Reviews

Excellent electronic book and helpful one. It usually does not cost a lot of. I am quickly will get a pleasure of reading through a written publication.

(Bernardo Feeney Jr.)

SEARCH FOR A MOBILE TARGET BY GROUND VEHICLE ON A TOPOGRAPHIC TERRAIN

[DOWNLOAD PDF](#)

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Operation Research / Search Theory | In this study we address a continuous space search problem where the searcher and the mobile target are moving on a topographic terrain. We assume that the search is conducted by an unmanned agent whose mission is to detect the target in minimum expected time. The research is motivated by various applications, e.g., a search for a terrorist who was seen crossing the border by a security camera, search for a parachuted cargo, search for lost hikers, animals, etc. In most practical applications the search is conducted in two stages: at the first stage it is required to detect the target, the detection occurs when the target is located in the searcher's observed area. At the second stage the target is caught by additional agents. In this work we deal only with the first stage and assume that the searcher's observed area depends on its location and is bounded by topographic obstacles. In other words, the searcher can see only the areas that are not shadowed by the topography and the searcher's observed area changes in time along with the searcher's trajectory. In this work, a general algorithm, which is applicable to the search for both static and mobile targets, is developed. | Format: Paperback | Language/Sprache: english | 80 pp.

[Read Search for a Mobile Target by Ground Vehicle on a Topographic Terrain](#)[Online](#)[Download PDF Search for a Mobile Target by Ground Vehicle on a Topographic](#)[Terrain](#)

Other PDFs



Theory of WiMAX

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Understanding WiMAX, VoIP traffic scheduling in WiMAX Network | WiMAX technology is presently one of the most promising global telecommunication systems. Great hopes and important investments have...

[Download PDF »](#)



Binary Integer Optimization Problems

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Implementation of a Branch and Bound Algorithm to Solve Binary Integer Optimization Problems | Many problems that arise in manufacturing and socio-economic systems, such as machine scheduling,...

[Download PDF »](#)



The Effect of SCM Challenges on the Performances of HAO

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | HSC is the network created through the flow of services, supplies, information and finances between donors, beneficiaries, suppliers and different units of HAO, in order to provide...

[Download PDF »](#)



Geometric Exponential Distributions

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Generalizations and Applications | The theory and applications of geometric stable laws has been an active area of research in recent years. They are obtained as limiting...

[Download PDF »](#)



Associations between Hyperopia and Other Refractive and Visual Errors

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Refractive error is a very common eye disease. This study was developed in order to clarify the prevalence of hyperopia and their associations with amblyopia, strabismus, anisometropia...

[Download PDF »](#)



Grammar and Vocabulary for Advanced Book with Answers and Audio: Self-Study Grammar Reference and Practice (Mixed media product)

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2015. Mixed media product. Condition: New. Language: English . Brand New Book. Grammar and Vocabulary reference and practice for the revised Cambridge English: Advanced (CAE) from 2015 Cambridge Grammar and

[Read ePUB »](#)



Getting It Out There: PR Social Media for Writers: Branding, What s in a Name?; Budgeting Time Money (Paperback)

Tell-Tale Publishing Group, LLC, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Approach the business of writing with a plan for success. Award-winning author of over 50 books, Nancy

[Read ePUB »](#)



Visual Project Management: Simplifying Project Execution to Deliver on Time and on Budget (Paperback)

Pinnacle Americas, Inc., 2015. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Visual Project Management: Simplifying Project Execution to Deliver On Time and On Budget is a groundbreaking addition to

[Read ePUB »](#)



Differential Forms with Applications to the Physical Sciences (Paperback)

Dover Publications Inc., United States, 1990. Paperback. Condition: New. New edition. Language: English . Brand New Book. To the reader who wishes to obtain a bird s-eye view of the theory of differential forms with

[Read ePUB »](#)



Menu Planner: Notebook with Grocery List and Notes Section: Weekly Meal Planning Journal (Paperback)

Createspace Independent Publishing Platform, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.A MEAL PREP PLANNING JOURNAL FOR FITNESS LOVERS! - This specially designed meal preparation planner is here

[Read ePUB »](#)