



# **Autonomous-Agent Based Simulation of Anti-Submarine Warfare Operations with the Goal of Protecting a High Value Unit**

*Fahrettin Akbori*

[Download now](#)

[Read Online](#) 

[Click here](#) if your download doesn't start automatically

# Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit

*Fahrettin Akbori*

## **Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit** Fahrettin Akbori

This is a NAVAL POSTGRADUATE SCHOOL MONTEREY CA report procured by the Pentagon and made available for public release. It has been reproduced in the best form available to the Pentagon. It is not spiral-bound, but rather assembled with Velobinding in a soft, white linen cover. The Storming Media report number is A441224. The abstract provided by the Pentagon follows: The Anti-Submarine Warfare screen design simulation is a program that provides a model for operations in anti-submarine warfare (ASW). The purpose of the program is to aid ASW commanders, allowing them to configure an ASW screen, including the sonar policy, convoy speed, and the number of ships, to gain insight into how these and other factors beyond their control, such as water conditions, impact ASW effectiveness. It is also designed to be used as a training tool for ASW officers. The program is implemented in Java programming language, using the Multi Agent System (MAS) technique. The simulation interface is a Horizontal Display Center (HDC) which is very similar to a MEKQ200 class Frigate Combat Information Center's (CIC) HDC. The program uses Extensible Markup Language (XML) files for reading data for program scenarios; parameters are initialized before each run time begins. The simulation also provides all the output data at the end of run time for analysis purposes. The program user's goal, and the purpose of the program, is to decrease the number of successful attacks against surface vessels by changing the configuration parameters of the ASW screen, to reflect sonar policy, convoy speed or number of ships in the simulation. Ongoing use of the program can provide data needed to anticipate required operational needs in future ASW situations.

 [Download Autonomous-Agent Based Simulation of Anti- Submarine Wa ...pdf](#)

 [Read Online Autonomous-Agent Based Simulation of Anti- Submarine ...pdf](#)

**Download and Read Free Online Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit Fahrettin Akbori**

---

## **Download and Read Free Online Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit Fahrettin Akbori**

---

### **From reader reviews:**

#### **Judy Chisolm:**

Do you have favorite book? If you have, what is your favorite's book? Book is very important thing for us to know everything in the world. Each e-book has different aim or maybe goal; it means that book has different type. Some people feel enjoy to spend their a chance to read a book. They may be reading whatever they take because their hobby will be reading a book. Why not the person who don't like studying a book? Sometime, person feel need book whenever they found difficult problem or maybe exercise. Well, probably you will want this Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit.

#### **Joseph Cobble:**

This Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit are usually reliable for you who want to be a successful person, why. The main reason of this Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit can be one of the great books you must have is definitely giving you more than just simple reading through food but feed you with information that might be will shock your earlier knowledge. This book is actually handy, you can bring it just about everywhere and whenever your conditions at e-book and printed versions. Beside that this Autonomous-Agent Based Simulation of Anti-Submarine Warfare Operations with the Goal of Protecting a High Value Unit forcing you to have an enormous of experience for instance rich vocabulary, giving you trial of critical thinking that we realize it useful in your day task. So , let's have it appreciate reading.

#### **Ilene Bixler:**

Playing with family in a very park, coming to see the ocean world or hanging out with buddies is thing that usually you may have done when you have spare time, after that why you don't try matter that really opposite from that. A single activity that make you not sensation tired but still relaxing, trilling like on roller coaster you already been ride on and with addition associated with. Even you love Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit, it is possible to enjoy both. It is very good combination right, you still would like to miss it? What kind of hangout type is it? Oh seriously its mind hangout people. What? Still don't have it, oh come on its identified as reading friends.

#### **Wayne Queen:**

Many people spending their time period by playing outside having friends, fun activity using family or just watching TV the whole day. You can have new activity to spend your whole day by reading a book. Ugh, do you think reading a book can definitely hard because you have to take the book everywhere? It ok you can have the e-book, getting everywhere you want in your Smart phone. Like Autonomous-Agent Based

Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit which is finding the e-book version. So , try out this book? Let's observe.

**Download and Read Online Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit Fahrettin Akbori #PTJ9UAHK2YI**

# **Read Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit by Fahrettin Akbori for online ebook**

Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit by Fahrettin Akbori Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit by Fahrettin Akbori books to read online.

## **Online Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit by Fahrettin Akbori ebook PDF download**

### **Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit by Fahrettin Akbori Doc**

**Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit by Fahrettin Akbori Mobipocket**

**Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit by Fahrettin Akbori EPub**

**Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit by Fahrettin Akbori Ebook online**

**Autonomous-Agent Based Simulation of Anti- Submarine Warfare Operations with the Goal of Protecting a High Value Unit by Fahrettin Akbori Ebook PDF**