



# The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments

*Eray Unguder*

Download now

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

# The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments

*Eray Unguder*

## **The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments** Eray Unguder

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 A375793. The abstract provided by the Pentagon follows: This thesis investigates human performance differences on maneuvering tasks in virtual and real spaces when a natural locomotion technique is used as opposed to an abstraction through a device such as a treadmill. The motivation for the development of locomotion devices thus far has been driven by the assumption that a The "perfect" device will result in human performance levels comparable to the real world. This thesis challenges this assumption under the hypothesis that other factors beyond the locomotion device contribute to performance degradation. An experiment was conducted to study the effects of these other factors. The experiment studied sidestepping, kneeling, looking around a corner, and backward movement tasks related to a building clearing exercise. The participants physically walked through the environment under all conditions. There were three treatments: real world (no display, physical objects present), virtual world (head-mounted display, no physical objects), and real and virtual world combined (head-mounted display, physical objects present). The results suggest that performance and behavior are not the same across conditions with the real world condition being uniformly better than the virtual conditions. This evidence supports the claim that even with identical locomotion techniques, performance and behaviors change from the real to the virtual world.

 [Download The Effects of Natural Locomotion on Maneuvering T ...pdf](#)

 [Read Online The Effects of Natural Locomotion on Maneuvering ...pdf](#)

## **Download and Read Free Online The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments Eray Unguder**

---

### **From reader reviews:**

#### **Richard Rhone:**

As people who live in the particular modest era should be upgrade about what going on or info even knowledge to make these keep up with the era that is certainly always change and make progress. Some of you maybe can update themselves by studying books. It is a good choice to suit your needs but the problems coming to you is you don't know which one you should start with. This The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments is our recommendation so you keep up with the world. Why, as this book serves what you want and need in this era.

#### **Alice Black:**

The book untitled The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments contain a lot of information on the idea. The writer explains your girlfriend idea with easy way. The language is very straightforward all the people, so do definitely not worry, you can easy to read that. The book was published by famous author. The author brings you in the new time of literary works. It is easy to read this book because you can read more your smart phone, or model, so you can read the book with anywhere and anytime. If you want to buy the e-book, you can open up their official web-site in addition to order it. Have a nice learn.

#### **Stewart Moore:**

In this period globalization it is important to someone to obtain information. The information will make someone to understand the condition of the world. The fitness of the world makes the information quicker to share. You can find a lot of sources to get information example: internet, paper, book, and soon. You can see that now, a lot of publisher which print many kinds of book. The particular book that recommended for you is The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments this e-book consist a lot of the information from the condition of this world now. This kind of book was represented just how can the world has grown up. The vocabulary styles that writer use to explain it is easy to understand. The particular writer made some exploration when he makes this book. Here is why this book suitable all of you.

#### **Lily Spivey:**

As we know that book is vital thing to add our information for everything. By a book we can know everything we want. A book is a group of written, printed, illustrated or maybe blank sheet. Every year was exactly added. This book The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments was filled concerning science. Spend your free time to add your knowledge about your technology competence. Some people has different feel when they reading a new book. If you know how big benefit of a book, you can truly feel enjoy to read a e-book. In the modern era like now, many ways to get book that you wanted.

**Download and Read Online The Effects of Natural Locomotion on  
Maneuvering Task Performance in Virtual and Real Environments  
Eray Unguder #F2IKWV8GJ30**

# **Read The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments by Eray Unguder for online ebook**

The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments by Eray Unguder 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 The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments by Eray Unguder books to read online.

## **Online The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments by Eray Unguder ebook PDF download**

**The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments by Eray Unguder Doc**

**The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments by Eray Unguder Mobipocket**

**The Effects of Natural Locomotion on Maneuvering Task Performance in Virtual and Real Environments by Eray Unguder EPub**