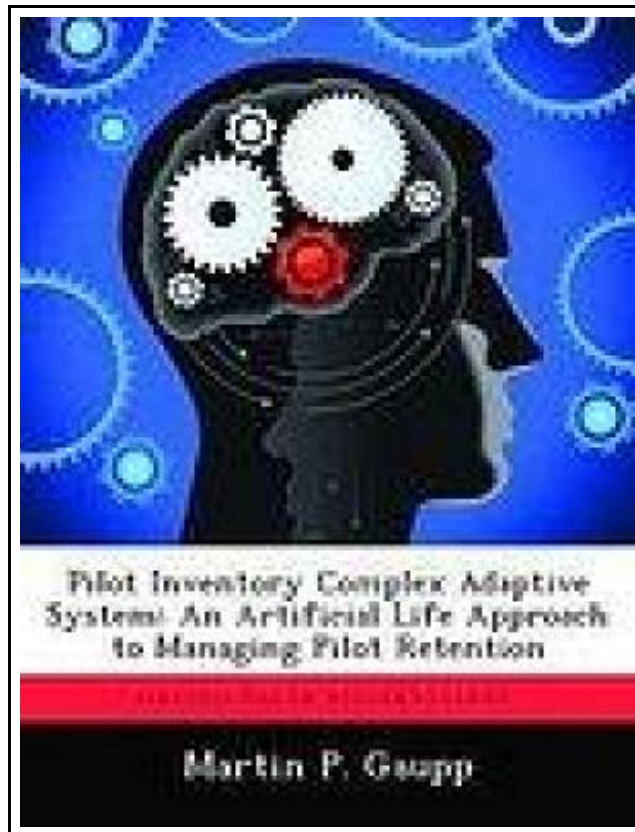


## Pilot Inventory Complex Adaptive System: An Artificial Life Approach to Managing Pilot Retention



Filesize: 1.11 MB

### ***Reviews***

*Completely among the best pdf We have at any time study. We have study and i am sure that i am going to likely to read yet again once again in the foreseeable future. Once you begin to read the book, it is extremely difficult to leave it before concluding.*

*(Penelope O'Conner DDS)*

## PILOT INVENTORY COMPLEX ADAPTIVE SYSTEM: AN ARTIFICIAL LIFE APPROACH TO MANAGING PILOT RETENTION

DOWNLOAD



Biblioscholar Dez 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x10 mm. This item is printed on demand - Print on Demand Neuware - The retention of skilled pilots continues to be a problem that plagues the United States Air Force. After spending millions of dollars on training and education, it is disheartening to see the mass exodus of experienced aviators from the Air Force that has been occurring in the past decade. Many blame the economy, others the Air Force itself, but few are able to accurately predict how or why they are all leaving. The current personnel models do not adequately determine retention rates. Complex adaptive systems theory, however, might provide some insight. By modeling the system at the pilot's level, allowing each pilot to be represented as an autonomous, independent agent continually adapting to its environment and the other agents in it, an alternate model can be built; one that accounts for the interactions among the pilots, not just their interactions with their environment. PICAS (Pilot Inventory Complex Adaptive System) is just such a model. Constructed in the Java language, the PICAS model exploits the notions of complex adaptive systems theory and employs dynamic user controls to discern retention rates. Pilots 'evolve', for lack of a better word, to a greater fitness within their environment, and in the process the model user can better determine what kind of environment needs to be created and maintained in order to ensure that trained and experienced pilots are in fact retained for their services. This thesis will discuss the theory underlying the PICAS model, trace the development of the PICAS model, review the descriptive results the model produces, and finally investigate the uses of the model as a tool for exploratory modeling. 160 pp. Englisch.



[Read Pilot Inventory Complex Adaptive System: An Artificial Life Approach to Managing Pilot Retention Online](#)



[Download PDF Pilot Inventory Complex Adaptive System: An Artificial Life Approach to Managing Pilot Retention](#)

## Related Books

---



### **Psychologisches Testverfahren**

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

[Read eBook »](#)

---



### **Programming in D**

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

[Read eBook »](#)

---



### **Genuine] Whiterun youth selection set: You do not know who I am Raoxue(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-08-01 Pages: 254 Publisher: rolls of publishing companies basic information title:...

[Read eBook »](#)

---



### **The Java Tutorial (3rd Edition)**

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book...

[Read eBook »](#)

---



### **Adobe Indesign CS/Cs2 Breakthroughs**

Peachpit Press, 2005. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Adobe InDesign is taking the publishing world by storm and...

[Read eBook »](#)



---

**The Three Little Pigs - Read it Yourself with Ladybird: Level 2 (Paperback)**

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 222 x 150 mm. Language: English . Brand New Book. In this classic fairy tale, the three little pigs leave home and build their own

[Read Document »](#)

---



---

**My Friend Has Down's Syndrome**

Barron's Educational Series Inc., U.S. Paperback. Book Condition: new. BRAND NEW, My Friend Has Down's Syndrome, Jennifer Moore-Mallinos, Younger children are normally puzzled when they encounter other kids who suffer from Down's Syndrome. Here is a

[Read Document »](#)

---



---

**Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Such a Fuss (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK's best-selling home reading series. It

[Read Document »](#)

---



---

**Unbored Adventure: 70 Seriously Fun Activities for Kids and Their Families**

Bloomsbury Publishing Plc. Paperback. Book Condition: new. BRAND NEW, Unbored Adventure: 70 Seriously Fun Activities for Kids and Their Families, Joshua Glenn, Elizabeth Foy Larsen, Tony Leone, Mister Reusch, Heather Kasunick, UNBORED Adventure has all

[Read Document »](#)

---



---

**A Parent's Guide to STEM (Paperback)**

U.S. News World Report, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This lively, colorful guidebook provides everything you need to know

[Read Document »](#)