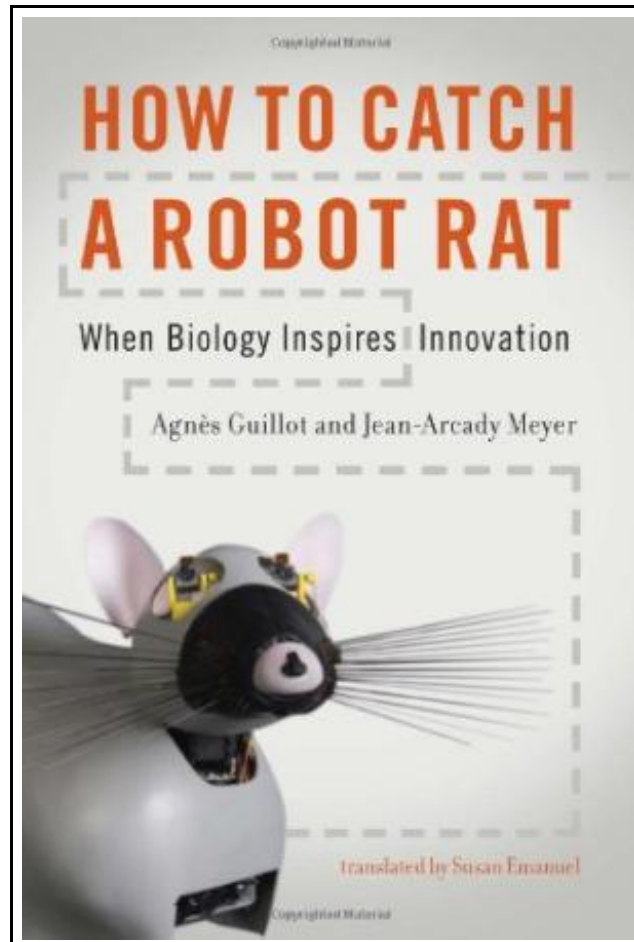


How to Catch a Robot Rat: When Biology Inspires Innovation (Hardback)



Filesize: 3.71 MB

Reviews

*Complete guide for ebook fans. Better then never, though i am quite late in start reading this one.
Your life span will likely be convert when you full reading this ebook.*

(Dr. Teagan Beahan Sr.)




HOW TO CATCH A ROBOT RAT: WHEN BIOLOGY INSPIRES INNOVATION (HARDBACK)

DOWNLOAD



To download **How to Catch a Robot Rat: When Biology Inspires Innovation (Hardback)** eBook, please access the button below and download the document or get access to additional information that are related to HOW TO CATCH A ROBOT RAT: WHEN BIOLOGY INSPIRES INNOVATION (HARDBACK) book.

MIT Press Ltd, United States, 2010. Hardback. Book Condition: New. New.. 231 x 152 mm. Language: English . Brand New Book. Humans have modeled their technology on nature for centuries. The inventor of paper was inspired by a wasp s nest; Brunelleschi demonstrated the principles of his famous dome with an egg; a Swiss company produced a wristwatch with an alarm modeled on the sound-producing capabilities of a cricket. Today, in the era of the new bionics, engineers aim to reproduce the speed and maneuverability of the red tuna in a submarine; cochlear implants send sound signals to the auditory nerve of a hearing-impaired person; and robots replicate a baby s cognitive development. How to Catch a Robot Rat examines past, present, and future attempts to apply the methods and systems found in nature to the design of objects and devices. The authors look at natural technology transfers : how the study of nature inspired technological breakthroughs--including the cricket-inspired watch; Velcro, which duplicates the prickly burrs of a burdock flower; and self-sharpening blades that are modeled on rats self-sharpening teeth. They examine autonomous robots that imitate animals and their behaviors--for example, the development of an unmanned microdrone that could fly like an albatross. And they describe hybrids of natural and artificial systems: neuroprostheses translating the thought of quadriplegics; and a nanorobot controlled by muscle cells. Some of the ideas described have outstripped technology s capacity to realize them; nature has had more than three billion years to perfect its designs, humankind not quite so long.

-  [Read How to Catch a Robot Rat: When Biology Inspires Innovation \(Hardback\) Online](#)
-  [Download PDF How to Catch a Robot Rat: When Biology Inspires Innovation \(Hardback\)](#)
-  [Download ePub How to Catch a Robot Rat: When Biology Inspires Innovation \(Hardback\)](#)

Related PDFs



[PDF] Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures) (Paperback)

Access the web link beneath to download and read "Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures) (Paperback)" PDF file.

[Download ePub »](#)



[PDF] No Friends?: How to Make Friends Fast and Keep Them (Paperback)

Access the web link beneath to download and read "No Friends?: How to Make Friends Fast and Keep Them (Paperback)" PDF file.

[Download ePub »](#)



[PDF] How to Make a Free Website for Kids (Paperback)

Access the web link beneath to download and read "How to Make a Free Website for Kids (Paperback)" PDF file.

[Download ePub »](#)



[PDF] The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)

Access the web link beneath to download and read "The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)" PDF file.

[Download ePub »](#)



[PDF] Patent Ease: How to Write You Own Patent Application (Paperback)

Access the web link beneath to download and read "Patent Ease: How to Write You Own Patent Application (Paperback)" PDF file.

[Download ePub »](#)



[PDF] Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online (Paperback)

Access the web link beneath to download and read "Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online (Paperback)" PDF file.

[Download ePub »](#)



[PDF] The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)

Click the web link under to download "The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)" PDF document.

[Save ePub >](#)



[PDF] The Right Kind of Pride: A Chronicle of Character, Caregiving and Community (Paperback)

Click the web link under to download "The Right Kind of Pride: A Chronicle of Character, Caregiving and Community (Paperback)" PDF document.

[Save ePub >](#)



[PDF] ASPCA Kids: Rescue Readers: I Am Picasso (Paperback)

Click the web link under to download "ASPCA Kids: Rescue Readers: I Am Picasso (Paperback)" PDF document.

[Save ePub >](#)



[PDF] Rose O the River (Illustrated Edition) (Dodo Press) (Paperback)

Click the web link under to download "Rose O the River (Illustrated Edition) (Dodo Press) (Paperback)" PDF document.

[Save ePub >](#)



[PDF] The Story of Patsy (Illustrated Edition) (Dodo Press) (Paperback)

Click the web link under to download "The Story of Patsy (Illustrated Edition) (Dodo Press) (Paperback)" PDF document.

[Save ePub >](#)



[PDF] 31 Moralistic Motivational Bedtime Short Stories for Kids: 1 Story Daily on Bedtime for 30 Days Which Are Full of Morals, Motivations Inspirations (Paperback)

Click the web link under to download "31 Moralistic Motivational Bedtime Short Stories for Kids: 1 Story Daily on Bedtime for 30 Days Which Are Full of Morals, Motivations Inspirations (Paperback)" PDF document.

[Save ePub >](#)