



# How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press)

By Rolf Pfeifer, Josh Bongard

[Download now](#)

[Read Online](#) 

## How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard

How could the body influence our thinking when it seems obvious that the brain controls the body? In *How the Body Shapes the Way We Think*, Rolf Pfeifer and Josh Bongard demonstrate that thought is not independent of the body but is tightly constrained, and at the same time enabled, by it. They argue that the kinds of thoughts we are capable of have their foundation in our embodiment -- in our morphology and the material properties of our bodies.

This crucial notion of embodiment underlies fundamental changes in the field of artificial intelligence over the past two decades, and Pfeifer and Bongard use the basic methodology of artificial intelligence -- "understanding by building" -- to describe their insights. If we understand how to design and build intelligent systems, they reason, we will better understand intelligence in general. In accessible, nontechnical language, and using many examples, they introduce the basic concepts by building on recent developments in robotics, biology, neuroscience, and psychology to outline a possible theory of intelligence. They illustrate applications of such a theory in ubiquitous computing, business and management, and the psychology of human memory. Embodied intelligence, as described by Pfeifer and Bongard, has important implications for our understanding of both natural and artificial intelligence.

 [Download How the Body Shapes the Way We Think: A New View o ...pdf](#)

 [Read Online How the Body Shapes the Way We Think: A New View ...pdf](#)

# How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press)

By Rolf Pfeifer, Josh Bongard

**How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press)** By Rolf Pfeifer, Josh Bongard

How could the body influence our thinking when it seems obvious that the brain controls the body? In *How the Body Shapes the Way We Think*, Rolf Pfeifer and Josh Bongard demonstrate that thought is not independent of the body but is tightly constrained, and at the same time enabled, by it. They argue that the kinds of thoughts we are capable of have their foundation in our embodiment -- in our morphology and the material properties of our bodies.

This crucial notion of embodiment underlies fundamental changes in the field of artificial intelligence over the past two decades, and Pfeifer and Bongard use the basic methodology of artificial intelligence -- "understanding by building" -- to describe their insights. If we understand how to design and build intelligent systems, they reason, we will better understand intelligence in general. In accessible, nontechnical language, and using many examples, they introduce the basic concepts by building on recent developments in robotics, biology, neuroscience, and psychology to outline a possible theory of intelligence. They illustrate applications of such a theory in ubiquitous computing, business and management, and the psychology of human memory. Embodied intelligence, as described by Pfeifer and Bongard, has important implications for our understanding of both natural and artificial intelligence.

**How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard Bibliography**

- Sales Rank: #1128567 in Books
- Published on: 2006-10-27
- Original language: English
- Number of items: 1
- Dimensions: 9.00" h x .69" w x 6.00" l, 1.51 pounds
- Binding: Hardcover
- 394 pages



[Download How the Body Shapes the Way We Think: A New View o ...pdf](#)



[Read Online How the Body Shapes the Way We Think: A New View ...pdf](#)

## **Download and Read Free Online How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard**

---

### **Editorial Review**

### **Users Review**

#### **From reader reviews:**

##### **Rosa Reid:**

The book How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) make one feel enjoy for your spare time. You may use to make your capable more increase. Book can being your best friend when you getting anxiety or having big problem using your subject. If you can make reading a book How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) to get your habit, you can get far more advantages, like add your capable, increase your knowledge about a number of or all subjects. It is possible to know everything if you like available and read a book How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press). Kinds of book are several. It means that, science reserve or encyclopedia or other folks. So , how do you think about this book?

##### **Sandra Earnhardt:**

Now a day people that Living in the era just where everything reachable by connect to the internet and the resources inside it can be true or not call for people to be aware of each data they get. How many people to be smart in getting any information nowadays? Of course the reply is reading a book. Reading a book can help persons out of this uncertainty Information mainly this How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) book as this book offers you rich facts and knowledge. Of course the information in this book hundred pct guarantees there is no doubt in it you may already know.

##### **Philip Martin:**

Information is provisions for people to get better life, information today can get by anyone on everywhere. The information can be a know-how or any news even restricted. What people must be consider whenever those information which is from the former life are challenging be find than now's taking seriously which one is appropriate to believe or which one the particular resource are convinced. If you obtain the unstable resource then you understand it as your main information you will have huge disadvantage for you. All those possibilities will not happen within you if you take How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) as the daily resource information.

##### **Terry McConnell:**

Reading a publication make you to get more knowledge from that. You can take knowledge and information from a book. Book is published or printed or highlighted from each source in which filled update of news. With this modern era like now, many ways to get information are available for an individual. From media

social including newspaper, magazines, science reserve, encyclopedia, reference book, story and comic. You can add your understanding by that book. Are you ready to spend your spare time to open your book? Or just trying to find the How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) when you needed it?

**Download and Read Online How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard #U7FM6K5WCGO**

# **Read How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard for online ebook**

How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard 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 How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard books to read online.

## **Online How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard ebook PDF download**

**How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard Doc**

**How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard MobiPocket**

**How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard EPub**

**U7FM6K5WCGO: How the Body Shapes the Way We Think: A New View of Intelligence (MIT Press) By Rolf Pfeifer, Josh Bongard**