

# The SECRET HOUSE

By David Bodanis

Simon & Schuster, 1986, 9 1/4" x 7 1/4", 223 pages, paperback, \$9.95 ISBN 0-671-65718-6

Science News Books  
1719 N Street, NW  
Washington, DC 20036

Please send \_\_\_\_\_ copy(ies) of *The Secret House*. I include a check payable to Science News Books for \$9.95 plus \$1.00 handling (total \$10.95) for each copy. Domestic orders only.

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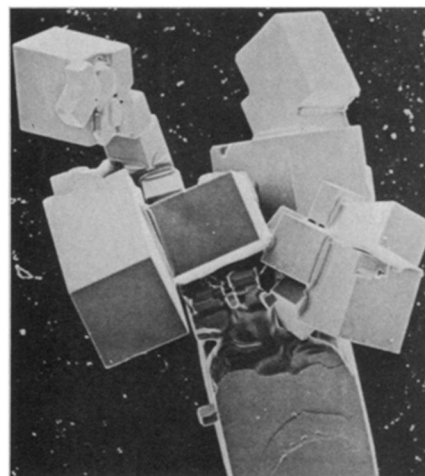
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RB881

*The Secret House* uncovers the astounding physical and biological events that go on while we sleep, eat or brush our teeth; the little hidden dramas happening around us all the time. Much of what is described is invisible to the naked eye or inaudible to the average ear. Eighty stunning photographs, many especially commissioned for this book, employing techniques such as electron micrographs, thermographs and computer-enhanced X-rays, reveal the true physical nature of your house. This fascinating and highly original book will make it impossible to look at a house in the same way again.

— from the publisher

- Eggs are quietly breathing in the refrigerator.
- Floorboards engage in splendid harmonious rhythms after you've left the room.
- Every glass pane in the house is dripping slowly downward.
- In the upstairs closet the hangers are sagging and giving off rumbling low-frequency groans. . . .
- In other words, it's a perfectly ordinary night.



Common table salt.

# The Cosmic Blueprint

New Discoveries in  
Nature's Creative Ability  
to Order the Universe

By Paul Davies

With each successive work, physicist Paul Davies — author of *God and the New Physics* and *Superforce* — journeys further into the fascinating mysteries of creation. In *The Cosmic Blueprint*, he rejects the idea of a universe at the mercy of random forces, advancing an argument for the existence of a predestined universal plan — an essential, progressively unfolding, order.

Attempting to understand the secret creative power that bestows unity upon nature, Davies draws on recent discoveries in fields as diverse as brain research, biological evolution, computers and astrophysics. He argues that all matter and energy have the ability to **self-organize** according to common holistic principles. Examining these principles, Davies suggests that the universe develops toward progressively higher levels of complex self-organization — from the pattern of a snowflake to the structure of organisms to "the cosmic blueprint" governing the entire structure of the universe.

— from the publisher

Contents includes:

- The missing arrow
- Complexity
- Chaos
- Charting the irregular
- The source of creation
- The quantum factor

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RB882

"Bringing a light touch to technical enigmas, [Davies] develops a cosmic viewpoint that will appeal to those who want a universe full of meaning and purpose."

— Publishers Weekly

Simon & Schuster, 1988, 223 pages, hardcover, \$17.95  
ISBN 0-671-60233-0

# Tennis Science for Tennis Players

By Howard Brody



- How does your opponent put that tricky spin on the ball?
- Why are some serves easier to return than others?

Univ. of Penn. Press, 1987, 152 pages,  
6" x 9", paperback, \$14.95  
ISBN 0-8122-1238-X

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Please send \_\_\_\_\_ copy(ies) of *Tennis Science for Tennis Players*. I include a check payable to Science News Books for \$14.95 plus \$1.00 handling (total \$15.95) for each copy. Domestic orders only.

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Through extensive laboratory testing and computer modeling, Brody has investigated the physics behind the shape of the tennis racket, the string pattern, the bounce of the tennis ball, the ways in which a particular court surface can determine the speed of the game and the many other factors that contribute to the game. In **Tennis Science for Tennis Players**, Howard Brody, physicist and tennis player, explains how the laws of physics work in the game of tennis, and gives pointers about how a player can use them to his or her advantage.

— from the publisher

This book stresses the proper choice of equipment, strategy and ball trajectory because scientific analysis of these subjects gives meaningful results that can be translated into specific actions that you, the tennis player, can take advantage of and appreciate.

— from the introduction

## Games for Math

Playful ways to help your child learn math  
(from kindergarten to third grade)

By Peggy Kaye

These witty, imaginative and entertaining math games offer a welcome improvement over the counting drills and fill-in-the-blank workbooks that have bored children for generations. When children play a clapping game to learn about counting or a dice game to learn about multiplication, and bake brownies to learn about metrics, chances are good they'll develop mathophilia rather than mathophobia.

The games are easy to follow and easy to play; a busy working parent can read a game in a few minutes and start to play right away — anytime and anywhere. Most require no materials at all, or only the simplest things — pennies and paperclips, cards, dice. And the games are helpful for *all* young children, whether they are having problems or not.

— from the publisher

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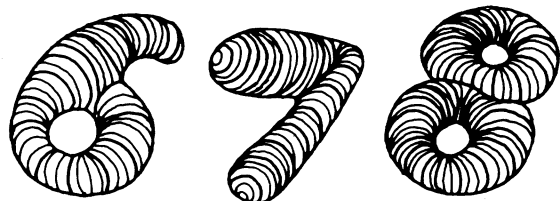
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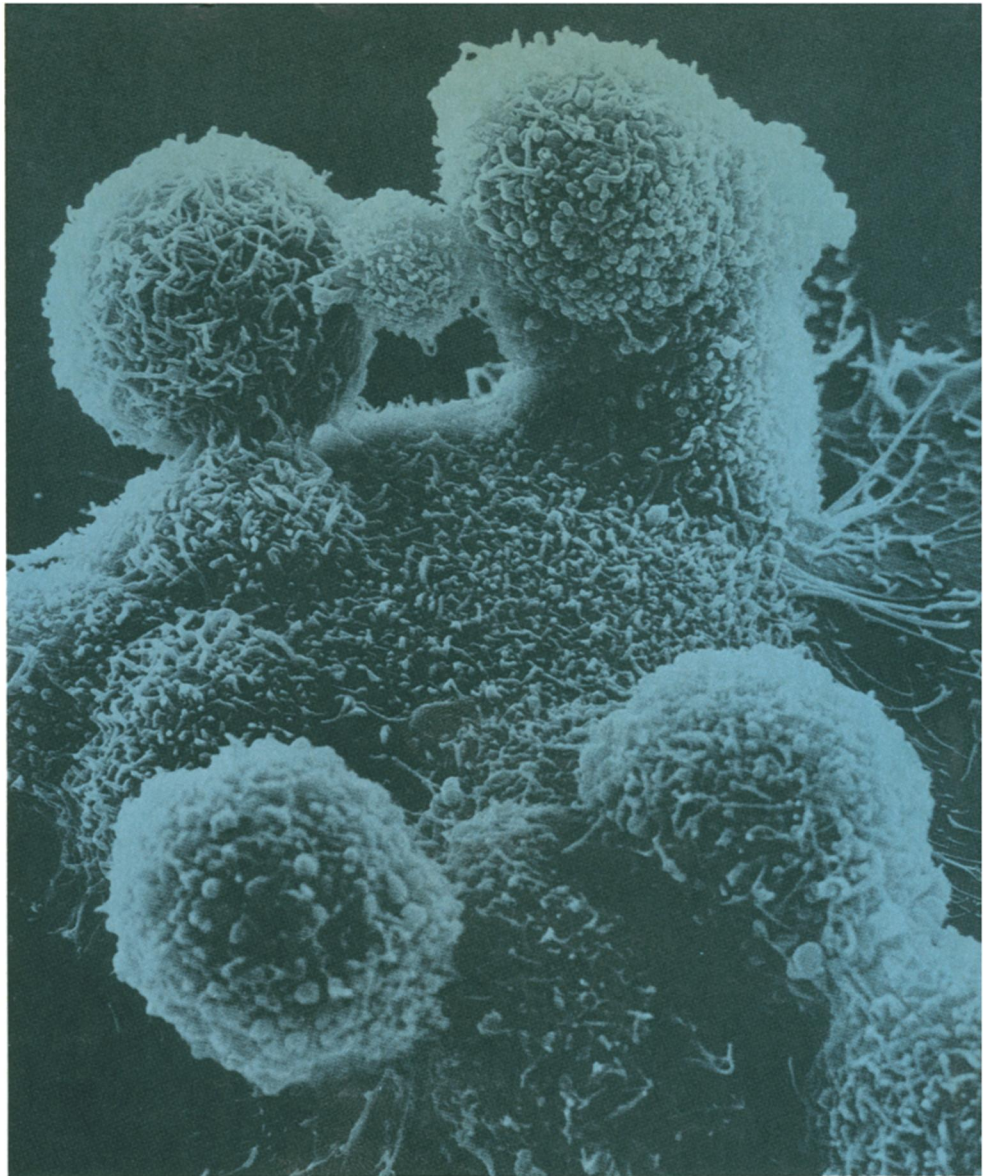


Pantheon Books, 1988, 236 pages, 7 1/2" x 8 1/2", paperback, \$8.95  
ISBN 9-394-75510-3

# *The Body Victorious*

*By  
Lennart  
Nilsson*

*"The invisible in us has  
suddenly become visible."  
— Jan Lindberg,  
Karolinska Institute*



*Killer cell (small, top) between cancer cells.*

Delacorte Press, 1987, 196 pages, 9½" x 10¾", hardcover,  
\$25.00 ISBN 0-385-29507-3

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Of all the dangers the human body faces during a lifetime — from a broken leg while skiing to a simple papercut — the most prevalent and consistent of these hazards arise from invaders invisible to the naked eye. These are the bacteria, protozoa, fungi and viruses that inhabit our bodies in countless forms and numbers. And it is our own immunological system that strikes with defensive force to rid the body of these foreign cells. In 196 pages of over 300 startling photographs (200 in color) taken with the most advanced equipment, award-winning photographer Nilsson shows the defense system of the body at work. With the help of an electron microscope, Nilsson has photographed events never before recorded. This revolutionary photographic essay also depicts the architecture of blood clots, the battles between white blood cells and bacteria, killer T-cells attacking cancer and antibodies struggling to locate and repel foreign, sometimes deadly substances in the body, including the AIDS virus.

— *from the publisher*