

Serotonin's Tantalizing Tangles

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Build This Authentic Deadly German U-Boat.
It's Motorized To Actually
Run And Dive! STEEL IN CO.

Authentic 1/150th scale model of the German Type VIIC sub-marine is motorized to run and dive. Assembling this kit will teach the basic engineering principles of submarine operation and buoyancy. Parts are molded in realistic battle colors, only glue and common hobby craft tools are required. Powered by 3 °C' cells (not incl.). Finished model is approx. 18 inches long.

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uperconductivity - The Latest Technology.



Superconducting ceramic disc for lab demonstration on the Meissaner effect of magnetic levitation. This is the new material making headlines. The disc is composed of ythrium oxide barium oxide and copper oxide and will positively demonstrate the Meissner effect by magnetic levitation of a small samarium cobalt magnet at liquid nitrogen temperature (77%). To conduct the demonstration you will need the disc, a small samarium cobalt magnet and liquid nitrogen (available from most hospital and lab supply tirms). Es of ters the disc and magnets. Similar magnets may be found in lightweight headphones). Superconductivity biss – includes ceramic "dia x 4%" thick disc and complete instructions. Reg. \$25 \$837,446 \$17.50 Demonstration kti—includes superconductivity disc "it as 'w' thick, rare earth magnet '%' dia x ½'," thick and instructions.

The Vortx, More Than A Money Bank!
Performs spinning tricks and high maneu-Performs prining tricks and high maneuvers. Drop a coin onto the launching pad spin the Vortx unit in a circular motion. This creates an immense amount of speed causing the coin to spin around and around until it finally drops to the bottom storage area. The longest continuous rolling so far is 33 hours, 16 minutes: Challenev our skills. Spin the coin back

Challenge your skills, spin the coin back up the tunnel or spin it upside down, plus more. Made of tough polypropylene. In-structions included. \$837,832 \$14.95



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Go Fishing With This mighty magnet.

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probe sensor cord. Reg. \$39.95 SB38,038 SALE \$32.95

Strike them together and see amazing flashes inside the rocks! The source of light is a miniature lightning flash that occurs in the quart material suite. The source of light is a miniature "lightning flash" that occurs in the quartz material within the rocks. It's nature's Piezo effect Pack of 3 bags (6 rocks).

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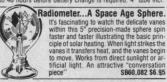
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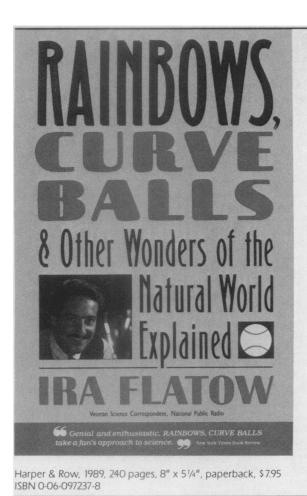
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Panati's Extraordinary Endings of Practically **Everything and Everybody** By Charles Panati

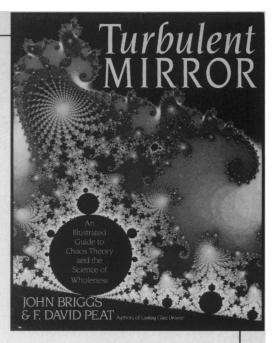
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Turbulent Mirror explores the many faces of chaos and reveals how its laws direct most of the familiar processes of everyday life, from our heartbeat and thoughts to the formation of clouds and storms, from the composition of a poem to the spread of a forest fire or the path taken by a winding coastline. Briggs and Peat also demonstrate how chaos theory has encouraged a rethinking of some of the fundamental principles of scientific investigation. The now-famous chaos aphorism that the flutter of a butterfly's wing in Hong Kong can change the weather in New York is a dramatic illustration of what Briggs and Peat describe as an "emerging science of wholeness," a growing scientific appreciation of how everything in the universe is interconnected.

Turbulent Mirror introduces us to the scientists involved in studying this endlessly strange field; to the theories that are turning our perception of the world on its head; and to the discoveries in mathematics, biology and physics that are heralding a revolution more profound than the one responsible for producing the atomic bomb. With practical applications ranging from the control of traffic flow and the development of artificial intelligence to the treatment of heart attacks and schizophrenia, chaos promises to be an increasingly rewarding area of inquiry—of interest to everyone.

- from the publisher



Not Chaos-like, together crushed and bruised, But, as the world harmoniously confused: Where order in variety we see, And where, though all things differ, all agree. Alexander Pope

Harper & Row, 1989, 222 pages, $7\frac{1}{2}$ " x $9\frac{1}{2}$ ", hardcover, \$22.50 ISBN 0-06-016061-6

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