

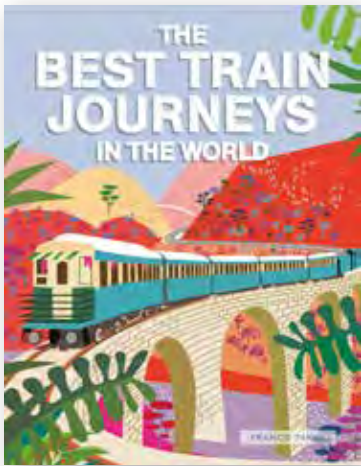
SHELTER HARBOR PRESS

**FALL
2023
CATALOG**



THE BEST TRAIN JOURNEYS IN THE WORLD

Franco Tanel



Here are more than 40 of the best train journeys in the world that will appeal to railroad enthusiasts as well as armchair travelers!

These journeys include:

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- Train travel in remote areas in the world
- Travel for all budgets and ages

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- Unusual or unique elements of the train
- Scenic images along each route
- Historical and technical notes
- Mapping of each route
- Practical tips and information

ISBN: 978-1-62795-191-3

Trim size: 8.5 x 11in / 215 x 277mm

Extent: 224 pages

Format: Hardcover

Illustrations: 4/c photography and illustrations

Retail: \$29.95 US / \$39.95 CDN

Publication Date: October 2023

For information on sales in the US or Canada please contact:
Jeanette Limondjian on info@shelterharborpress.com



NASA'S BEES

FIFTY EXPERIMENTS THAT REVOLUTIONIZED ROBOTICS AND AI

Rob Waugh



The unveiling of increasingly intelligent robots had become a near daily occurrence when NASA revealed the robotic 'bee' helpers it was sending to the International Space Station in 2019. *NASA's Bees* explores this and 49 more of the most groundbreaking discoveries and advances across the surprisingly long history of robotics and the closely related field of artificial intelligence.

From the mechanical men of ancient legend to Tesla's self-driving

cars, *NASA's Bees* charts the fascinating evolution of the idea of using intelligent man-made or synthetic objects to fulfil our needs. It is a thorough and accessible guide to the history of some of the fastest growing areas of scientific research today.

- Lucid exploration of the story of robotics through an examination of 50 of its greatest discoveries and advances
- Fully illustrated throughout, with lively illustrations that illuminate the discoveries
- The discoveries cover a broad range of topical concerns, exploring the benefits of each advance and its potential impact on our daily lives as well as the future of the field
- Part of the Great Experiments Series

ABOUT THE AUTHOR

Rob Waugh is one of Britain's leading science and technology journalists, having written about gadgets, apps and business technology for dozens of newspapers, magazines and websites over the last 20 years. His bylines include the *Daily Telegraph*, the *Daily Mail*, *The Guardian*, the *Metro* and many more.

ISBN: 978-1-62795-190-6

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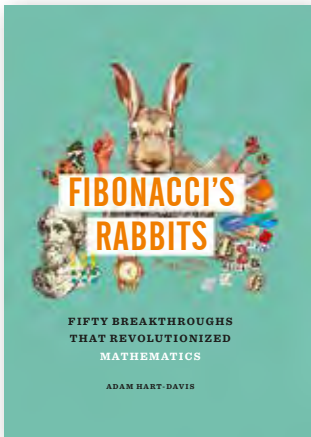
Publication Date: September 2023



FIBONACCI'S RABBITS

FIFTY BREAKTHROUGHS THAT REVOLUTIONIZED MATHEMATICS

Adam Hart-Davis



The word 'mathematics' comes from the Greek word *mathema*, meaning knowledge or learning. And indeed mathematics is at the heart of almost all processes and patterns that occur in the modern world. Yet many still find the discipline hard to fathom. *Fibonacci's Rabbits* solves this problem in bite-sized 'hops', describing the 50 most critical discoveries and revolutionary moments in the history of mathematics from Ancient Greece to the present day.

- Lucid exploration of the story of mathematics through an examination of 50 of its greatest discoveries
- Fully illustrated throughout, featuring clear explanations of the context, procedures, results and implications of each discovery
- The discoveries cover a broad range of topical concerns
- Part of the Great Experiments Series

ABOUT THE AUTHOR

Originally trained as a chemist at the universities of Oxford, York, and Alberta, Adam Hart-Davis is a freelance writer and broadcaster – he has presented television programs *Tomorrow's World*, *Local Heroes*, and many others. He has collected various awards for both television and radio, as well as four medals and 14 honorary doctorates. He is the author of over 30 titles including *Pavlov's Dog* and *Schrödinger's Cat*.

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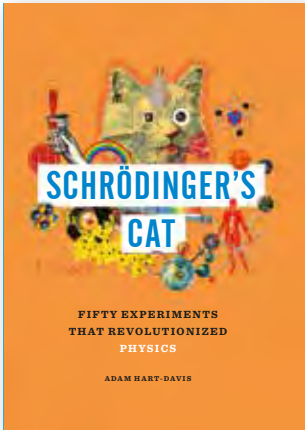
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SCHRÖDINGER'S CAT

FIFTY EXPERIMENTS THAT REVOLUTIONIZED PHYSICS

Adam Hart-Davis



From Galileo's stargazing to quantum teleportation, Newton's work with optics to the splitting of the atom, *Schrödinger's Cat* tells the story of physics through fifty of its greatest experiments. Featuring engaging writing and clear explanations, *Schrödinger's Cat* introduces the reader to the scientific experiments that have shaped the modern world.

- Lucid exploration of the story of physics for the interested layperson
- Author is a well-known, award-winning science communicator and historian
- Part of the Great Experiments Series

ABOUT THE AUTHOR

Originally trained as a chemist at the universities of Oxford, York, and Alberta, Adam Hart-Davis is a freelance writer and broadcaster – he has presented television programs *Tomorrow's World*, *Local Heroes*, and many others. He has collected various awards for both television and radio, as well as four medals and 14 honorary doctorates. He is the author of over 30 titles including *Pavlov's Dog* and *Schrödinger's Cat*.

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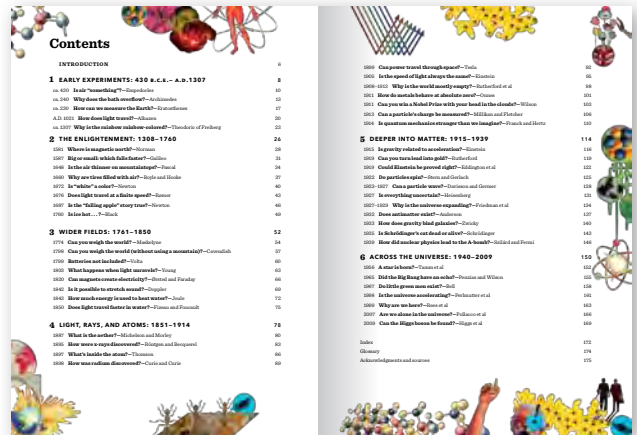
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PONDERABLES

100 INVENTIONS
THAT CHANGED HISTORY

TECHNOLOGY

AN ILLUSTRATED HISTORY OF MACHINES FROM STONE AXES TO ROBOTICS AND AI

Edited by Tom Jackson



Here is the essential guide to the history of technology, an authoritative reference book and timeline that examines how tools have built our civilization, changed our environment, and could even alter our species. The term technology is frequently associated with modernity and

the possibilities of the future. However, we have been using technologies since before the dawn of history. Even then we were machine builders. A neolithic hand axe is a wedge-shaped cutter that works in essentially the same way as a razor blade, while a potter's wheel is the same as the gear transmission of a Formula-1 car. The difference is simply the application of novel materials, and the many ages of technology are closely linked to them—bronze, iron, steel, glass, silicon... What will be the materials of tomorrow's technology? Superconductors that carry current with perfect efficiency, smart materials that alter their shapes to suit the conditions, or nanorobots built from just a few dozen atoms, that work unseen everywhere, even inside our bodies? And now we have generative AI. Only time, and a lot of invention, will tell.

- ◆ Contains 100 chronological articles that tell the story of technology from the dawn of history to the present day.
- ◆ Authoritative text, exciting imagery and helpful diagrams accompany each of the steps along the way.
- ◆ Biographies of great inventors boosts the contents for all readers.
- ◆ Includes a 12-page fold-out **Timeline History of Technology** poster – stretches out to 8.5 feet (2.6 meters) long.

Specifications

ISBN: 978-1-62795-165-4

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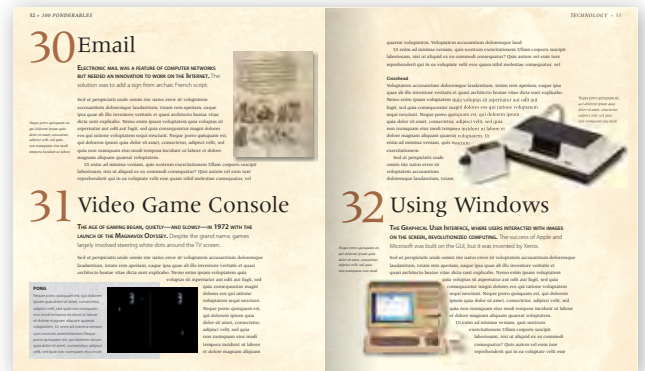
Extent: 168 pages (including timeline poster)

Format: Hardcover

Illustrations/Words: 300/55,000

Retail Price: \$24.95 US / \$29.95 CDN

Publication date: October 2023



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