

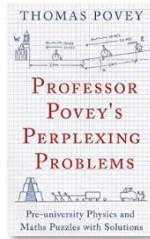


Physics

Reading

Professor Povey perplexing problem

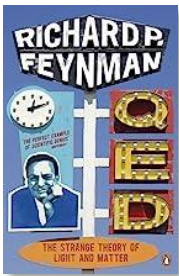
by Thomas Povey



Thomas Povey has provided in this book enough super-curricular content to keep an aspiring mathematician, physicist, engineer or material scientist and their teachers happy for months. [University of Oxford]

QED

by Richard Feynman

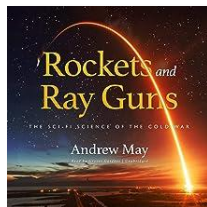


Quantum electrodynamics is the theory that explains how light and electrons interact, and in doing so illuminates the deepest and most complex mysteries of the world around us. Thanks to Richard Feynman and his colleagues, it is also one of the rare parts of physics that is known for sure - a theory that has stood the test

of time. These entertaining lectures use clear everyday examples to provide the definitive introduction to QED.

Rockets and Ray Guns: The SCFI of the Cold War

by Andrew May



This entertaining book, offering a plethora of little-known facts and insights from previously classified military projects, shows how the real-world science of the Cold War followed in the footsteps of science fiction – and how the two together changed our perception of both science and scientists, and paved the way to the world we live in today.

The order of time

by Carlo Rovelli

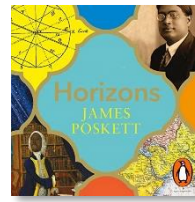


Time is a mystery that does not cease to puzzle us. Philosophers, artists and poets have long explored its meaning while scientists have found that its structure is different from the simple intuition we have of it. Bringing together science, philosophy and art, Carlo Rovelli unravels this mystery. This book shows

that to understand ourselves we need to reflect on time - and to understand time we need to reflect on ourselves.

Horizons: A Global History of Science

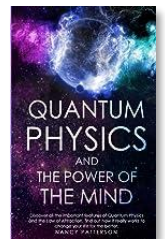
by James Posnett



We are told that modern science was invented in Europe, the product of great minds like Copernicus, Newton, Darwin and Einstein. But this is wrong. Science is not, and has never been, a uniquely European endeavour. This book is a major retelling of the history of science from 1450 to the present day that explodes the myth that science began in Europe - instead celebrating how scientists from Africa, America, Asia and the Pacific were integral to this very human story.

Quantum Physics and the Power of the Mind

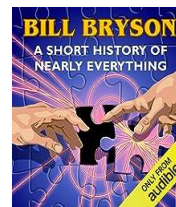
by Nancy Patterson



Quantum physics is an integral part of our lives and it is extremely important for us to have at least the basic knowledge on the subject. Most people struggle with it as there are scarcely any books on the topic that is compatible with the needs and demands of people who are just starting out as physicists and need a simple guide to understand the concepts.

A Short History of Nearly Everything

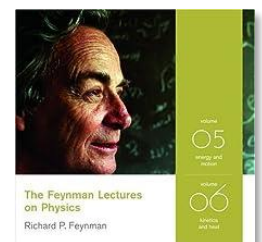
by Bill Bryson



Bill Bryson describes himself as a reluctant traveller: but even when he stays safely in his own study at home, he can't contain his curiosity about the world around him. This book is his quest to find out everything that has happened from the Big Bang to the rise of civilization - how we got from there to here.

The Feynman Lectures on Physics

by Richard Feynman



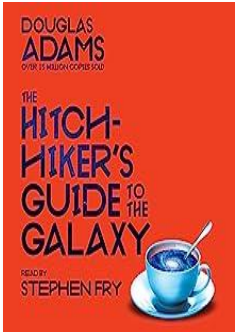
This is a physics textbook based on some lectures by Richard Feynman, a Nobel laureate who has sometimes been called "The Great Explainer". The lectures were presented before undergraduate students at the California Institute of Technology (Caltech), during 1961–1963. This book is perhaps the most popular physics book ever written.



Physics

Hitchhikers Guide to the Galaxy

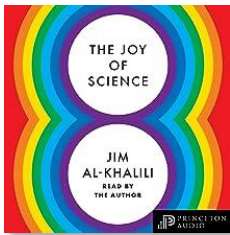
by Douglas Adams



This is the first book in the highly popular series of comic science fiction novels by British writer Douglas Adams. The saga mocks modern society with humour and cynicism and has as its hero a hapless, deeply ordinary Englishman (Arthur Dent) who unexpectedly finds himself adrift in a universe characterised by randomness and absurdity.

The Joy of Science

by Jim Al Khalili



Today's world is unpredictable and full of contradictions, and navigating its complexities while trying to make the best decisions is far from easy. *The Joy of Science* presents 8

short lessons on how to unlock the clarity, empowerment, and joy of thinking and living a little more scientifically.