

# TERRY PRATCHETT

IAN STEWART & JACK COHEN



## The Science of DISCWORLD

'The hard science is as gripping as the fiction'

*Sunday Times*

# The Science Of Discworld

**Lingsheng Yao**



## **The Science Of Discworld:**

**The Science of Discworld** Terry Pratchett, Ian Stewart, Jack Cohen, 2014-06-03 Not just another science book and not just another Discworld novella The Science of Discworld is a creative mind bending mash up of fiction and fact that offers a wizard's eye view of our world that will forever change how you look at the universe Can Unseen University's eccentric wizards and orangutan Librarian possibly shed any useful light on hard rational Earthly science In the course of an exciting experiment the wizards of Discworld have accidentally created a new universe Within this universe is a planet that they name Roundworld Roundworld is of course Earth and the universe is our own As the wizards watch their creation grow Terry Pratchett and acclaimed science writers Ian Stewart and Jack Cohen use Discworld to examine science from the outside Interwoven with the Pratchett's original story are entertaining enlightening chapters which explain key scientific principles such as the Big Bang theory and the evolution of life on earth as well as great moments in the history of science

**The Science of Discworld** Terry Pratchett, Ian Stewart, Jack Sidney Cohen, 1999 In the fantasy universe of the phenomenally best selling Discworld series events in fact mostly follow the dictates of common sense Everyone in Discworld knows that the world is flat and that million to one chances crop up nine times out of ten In our own world science tells us that our more logical universe does not obey common sense at all The appeal of Discworld lies in the fact that much of it does make sense in a way that particle physics does not The aim of The Science of Discworld is to use the comfortable but curious science of Discworld to illuminate the less comfortable science of our own world The vehicle for this is the Roundworld Project set up within Discworld by various wizards at the Unseen University who set out to construct a carefully tailored magical exclusion zone inside which magic is reduced to nill and only rigid scientific rules apply Roundworld it turns out is in fact our own universe With us inside it Terry Pratchett presents here a brilliant new Discworld story and Ian Stewart and Jack Cohen weave around it a hugely entertaining discussion of scientific issues in our own universe

[The Science of Discworld II](#) Terry Pratchett, Ian Stewart, Jack Cohen, 2013-05-06 The Globe weaves together a fast paced Discworld novelette with cutting edge scientific commentary on the evolution and development of the human mind culture language art and science The result is an original view of the world we live in

[The Science of Discworld](#) Terry Pratchett, 2000

[The Science of Discworld IV](#) Terry Pratchett, Ian Stewart, Jack Cohen, 2014-04-21 The fourth book in the Science of Discworld series and this time around dealing with THE REALLY BIG QUESTIONS Terry Pratchett's brilliant new Discworld story Judgement Day is annotated with very big footnotes the interleaving chapters by mathematician Ian Stewart and biologist Jack Cohen to bring you a mind mangling combination of fiction cutting edge science and philosophy Marjorie Daw is a librarian and takes her job and indeed the truth of words very seriously She doesn't know it but her world and ours Roundworld is in big trouble On Discworld a colossal row is brewing The Wizards of Unseen University feel responsible for Roundworld as one would for a pet gerbil After all they brought it into existence by bungling an experiment in Quantum Thaumodynamics But legal action is being brought

against them by Omnians who say that the Wizards god like actions make a mockery of their noble religion As the finest legal brains in Discworld a zombie and a priest gird their loins to do battle and when the Great Big Thing in the High Energy Magic Laboratory is switched on Marjorie Daw finds herself thrown across the multiverse and right in the middle of the whole explosive affair As God the Universe and frankly Everything Else is investigated by the trio you can expect world bearing elephants quantum gravity in the Escher verse evolutionary design eternal inflation dark matter disbelief systems and an in depth study of how to invent a better mousetrap

**The Science of Discworld IV** Terry Pratchett,Ian Stewart,Jack Cohen,Jack Sidney Cohen,2013 Marjorie Daw is a librarian and takes her job and indeed the truth of words very seriously She doesn't know it but her world and ours Roundworld is in big trouble On Discworld a colossal row is brewing The Wizards of Unseen University feel responsible for Roundworld as one would for a pet gerbil

**The Science Of Discworld Revised Edition** Ian Stewart,Jack Cohen,Terry Pratchett,2011-10-31 When a wizardly experiment goes adrift the wizards of Unseen University find themselves with a pocket universe on their hands Roundworld where neither magic nor common sense seems to stand a chance against logic The Universe of course is our own And Roundworld is Earth As the wizards watch their accidental creation grow we follow the story of our universe from the primal singularity of the Big Bang to the Internet and beyond Through this original Terry Pratchett story with intervening chapters from Cohen and Stewart we discover how puny and insignificant individual lives are against a cosmic backdrop of creation and disaster Yet paradoxically we see how the richness of a universe based on rules has led to a complex world and at least one species that tried to get a grip of what was going on

**The Globe** Terry Pratchett,Ian Stewart,Jack Cohen,2015-01-20 Roundworld aka Earth is under siege Are three wizards and an orangutan Librarian enough to thwart the Elvish threat When the wizards of Unseen University first created Roundworld they were so concerned with discovering the rules of this new universe that they overlooked its inhabitants entirely Now they have noticed humanity And humanity has company Arriving in Roundworld the wizards find the situation is even worse than they'd expected Under the elves influence humans are superstitious fearful and fruitlessly trying to work magic in a world ruled by logic Ridiculously Rincewind Ponder Stibbons and the orangutan Librarian must travel through time to get humanity back on track and out of the dark ages The Globe goes beyond science to explore the development of the human mind Terry Pratchett and his acclaimed co authors Ian Stewart and Jack Cohen combine the tale of the wizards rewriting human history with discussions of the origins and evolution of culture language art and science offering a fascinating and brilliantly original view of the world we live in

**Darwin's Watch** Terry Pratchett,Ian Stewart,Jack Cohen,2015-06-09 When Charles Darwin writes the wrong book and reverses the progress of science Unseen University's wizards must once again save Roundworld Earth that is from an apocalyptic end Ever since a wizardly experiment inadvertently brought about the creation of Roundworld the wizard scholars of Unseen University have done their best to put things on the right course In Darwin's Watch they may face their greatest challenge yet A man called Darwin

has written a bestselling book called *The Theology of the Species* and his theory of scientific design has been wittlessly embraced by Victorian society. As a result, scientific progress has slowed to a crawl and the wizards must find a way to change history back to the way it should have been.

**DARWIN S WATCH EXPLORES THE REVERBERATIONS** of major scientific advances on our planet and our culture: the dangers of obscurantism and the theory of evolution as you have never seen it before. This brilliant addition to Pratchett's beloved Discworld series illustrates with great wit and wisdom how the laws of our universe truly are stranger than fiction.

"The" Science of Discworld Terry Pratchett, Ian Stewart, Jack Cohen, 2002

**The Science of Discworld**, 2002

*Judgment Day* Terry Pratchett, Ian Stewart, Jack Cohen, 2015-12-22

The wizards of Unseen University are again called upon to defend their creation Roundworld this time in a courtroom where its very existence hangs in the balance. The Omnians fervently believe that the world is round, not flat, and view the discovery of Roundworld as a vindication of their faith. To leave this artifact in the hands of the wizards would be unacceptable. Not only do the academics hold that Discworld is flat, but by creating the Roundworld universe they have elevated themselves to the level of gods. Ankh Morpork's venerable tyrant Lord Vetinari agrees to a tribunal where the wizards Ridcully, Rincewind, and Ponder Stibbons can present their case with key assistance from a Roundworld librarian named Marjorie Daw.

**JUDGMENT DAY** weaves together explorations of such earthly topics as big science, creation, subatomic particles, the existence of dark matter, and the psychology of belief, a treat for Discworld fans and readers of popular science alike.

The Science of Discworld III Terry Pratchett, Ian Stewart, Jack Cohen, 2013-05-06

Roundworld is in trouble again and this time it looks fatal. Having created it in the first place, the wizards of Unseen University feel vaguely responsible for its safety. They know the creatures who lived there escaped the impending Big Freeze by inventing the space elevator; they even intervened to rid the planet of a plague of elves who attempted to divert humanity onto a different time track. But now it's all gone wrong. Victorian England has stagnated and the pace of progress would embarrass a limping snail. Unless something drastic is done, there won't be time for anyone to invent spaceflight and the human race will be turned into ice pops. Why though did history come adrift? Was it Sir Arthur Nightingale's dismal book about natural selection? Or was it the devastating response by an obscure country vicar called Charles Darwin whose bestselling *Theology of Species* made it impossible to refute the divine design of living creatures? Either way, it's no easy task to change history as the wizards discover to their cost. Can the God of Evolution come to humanity's aid and ensure Darwin writes a very different book? And who stopped him writing it in the first place?

*The Science of Discworld* Terry Pratchett, 2002

**The Science of Discworld** Terry Pratchett, 2002

*The Science of Discworld* Terry Pratchett, 2004

**Science, Culture and Society** Mark Erickson, 2016-09-12

Science occupies an ambiguous space in contemporary society. Scientific research is championed in relation to tackling environmental issues and diseases such as cancer and dementia, and science has made important contributions to today's knowledge economies and knowledge societies. And yet science is considered by many to be remote and even dangerous. It seems that as we have more

science we have less understanding of what science actually is The new edition of this popular text redresses this knowledge gap and provides a novel framework for making sense of science particularly in relation to contemporary social issues such as climate change Using real world examples Mark Erickson explores what science is and how it is carried out what the relationship between science and society is how science is represented in contemporary culture and how scientific institutions are structured Throughout the book brings together sociology science and technology studies cultural studies and philosophy to provide a far reaching understanding of science and technology in the twenty first century Fully updated and expanded in its second edition *Science Culture and Society* will continue to be key reading on courses across the social sciences and humanities that engage with science in its social and cultural context **The Science of Discworld** ,1999

**Science Fact and Science Fiction** Brian M. Stableford,2006 Publisher description *Science Fiction Literature through History* Gary Westfahl,2021-07-19 This book provides students and other interested readers with a comprehensive survey of science fiction history and numerous essays addressing major science fiction topics authors works and subgenres written by a distinguished scholar This encyclopedia deals with written science fiction in all of its forms not only novels and short stories but also mediums often ignored in other reference books such as plays poems comic books and graphic novels Some science fiction films television programs and video games are also mentioned particularly when they are relevant to written texts Its focus is on science fiction in the English language though due attention is given to international authors whose works have been frequently translated into English Since science fiction became a recognized genre and greatly expanded in the 20th century works published in the 20th and 21st centuries are most frequently discussed though important earlier works are not neglected The texts are designed to be helpful to numerous readers ranging from students first encountering science fiction to experienced scholars in the field

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