

Physics Answers

Commonly Asked Questions in Physics Solutions to the Unsolved Physics Problems Answers to Questions About Origin Particles in Physics Commonly Asked Questions in Physics Notes for a New Physics and Cosmology Answers to Questions in Nat. Philosophy Myth Busting Physics The Big Questions: Physics Super Unified Theory Astronomic Solutions Andrew F. Rex Balungi Francis Miroslav Halza Andrew Rex Giacinto Libertini Roger I Parker, II Michael Brooks Abhijit Thakur Albert Bright Commonly Asked Questions in Physics Solutions to the Unsolved Physics Problems Answers to Questions About Origin Particles in Physics Commonly Asked Questions in Physics Notes for a New Physics and Cosmology Answers to Questions in Nat. Philosophy Myth Busting Physics The Big Questions: Physics Super Unified Theory Astronomic Solutions *Andrew F. Rex Balungi Francis Miroslav Halza Andrew Rex Giacinto Libertini Roger I Parker, II Michael Brooks Abhijit Thakur Albert Bright*

in the 300 years since Newton's seminal work physics has explained many things that used to be mysterious particularly in the last century physics has addressed a range of questions from the smallest fundamental particles to the large scale structure and history of the entire universe but there are always more questions

people have always wanted answers to the big questions where did we come from how did the universe begin what is the meaning and design behind it all is there anyone out there the creation accounts of the past now seem less relevant and credible they have been replaced by a variety of what can only be called superstitions ranging from New Age to Star Trek but real science can be far stranger than science fiction and much more satisfying I am a scientist and a scientist with a deep fascination with physics cosmology the universe and the future of humanity I was brought up by my parents to have an unwavering curiosity and like my father to research and try to answer the many questions that science asks us I have spent my life travelling across the universe inside my mind through theoretical physics I have sought to answer some of the great questions at one point I thought I would see the end of physics as we know it but now I think the wonder of discovery will continue long after I am gone we are close to some of these answers but we are not there yet the problem is most people believe that real science is too difficult and complicated for them to understand but I don't think this is the case to do research on the fundamental laws that govern the universe would require a commitment of time that most people don't have the world would soon grind to a halt if we all tried to do theoretical physics but

most people can understand and appreciate the basic ideas if they are presented in a clear way with equations which i believe is possible and which is something i have enjoyed trying to do throughout my life it has been a glorious time to be alive and doing research in theoretical physics our picture of the universe has changed a great deal in the last fifty years and i m happy if i have made a contribution one of the great revelations of the space age has been the perspective it has given humanity on ourselves when we see the earth from space we see ourselves as a whole we see the unity and not the divisions it is such a simple image with a compelling message one planet one human race i want to add my voice to those who demand why we must ask the big questions immediate action on the key challenges for our global community i hope that going forward even when i am no longer here people with power can show creativity courage and leadership let them rise to the challenge of the sustainable development goals and act not out of self interest but out of common interest i am very aware of the preciousness of time seize the moment act now

do energies produce objects or objects produce energies albert einstein set his career on revealing the secret mysticism it is jewish mysticism written in the book zohar splendor or radiance that interprets the biblical creation by slowing and extinguishing light in other words zohar introduced mass energy equivalence matter is that light and relativity of time due to speed lost speed of that light has produced time einstein just added mathematical formulas to those mystic theorems to be called scientific quantum theories thus he has returned physics back in the dark age that ruled before newton the book zohar written in the 2nd century on the contrary halza applies just newton style of physics onto particles existing on the smallest level only motion of these particles may produce energy quantum of energy or energy in field then it is the newtonian physics of motion that proposes understanding of all existing particles and forces including dark energy and dark matter while materialistic explanations are going on in this publication all main questions about origin particles and origin forces including why does light have the constant speed and so on are answered

in the 300 years since newton s seminal work physics has explained many things that used to be mysterious particularly in the last century physics has addressed a range of questions from the smallest fundamental particles to the large scale structure and history of the entire universe but there are always more questions suitable for a wide audience commonly asked questions in physics covers a broad scope of subjects from classical physics that goes back to the age of newton to new ideas just formulated in the twenty first century the book highlights the core areas of physics that predate the twentieth century including mechanics electromagnetism optics and thermodynamics it also focuses on modern physics covering quantum mechanics atomic and nuclear physics fundamental particles and relativity each chapter explains the numbers and units used to measure things and some chapters include a going deeper feature that provides more mathematical details for readers who are up to the challenge the suggested readings at the end of each chapter range from classic textbooks to some of the best books written for the general public offering readers the option to study the topic in more depth physics affects our lives nearly every day using cell phones taking x rays and

much more keeping the mathematics at a very basic level this accessible book addresses many physics questions frequently posed by physics students scientists in other fields and the wider public

for the layman modern physics is like an immense and magnificent cathedral that is impressive in its complex and sophisticated architecture and amazing in size and richness of the workmanship yet in this apparently almost complete building there is no answer to a series of fundamental and crucial questions while in any case these answers are indispensable and preliminary to any general theory it is essential to avoid confusion between appropriate and clarifying answers and false tautological answers or formulas that actually say nothing about the questions asked in this book the starting point is the interpretation given by einstein's general relativity to explain the gravitational force not as an action at a distance but as an intrinsic effect of the spatial distortions caused by the masses this interpretation of einstein is here extended to the explanation of any attractive or repulsive force as an effect for each force of the flattening of a specific dimension with positive or negative curvature the work offers without any forcing an explanation for most of the unsolved questions of physics the nature of a mass and of matter and antimatter the structure of an atom the origin of natural constants the quantization of phenomena etc it also offers a different interpretation of the structure of electrons and black holes in addition the existence of antimatter in protons is also predicted but not in neutrons a phenomenon that appears to be documented by recent works this book is not written by a physicist but it also highlights why an academic physicist would have to overcome serious or insurmountable difficulties to give innovative answers to the fundamental unsolved problems of physics using concepts that are different from those currently accepted

when it comes to science the evidence should rule the day roger i parker ii puts myths revolving around physics to the test in the third edition of myth busting physics get answers to questions such as is time a fourth dimension can quantum fluctuations in a vacuum exist do photons have mass is there anything outside the observable universe can anything be colder than absolute zero parker also examines why some physicists believe they can get something from nothing and how the pauli exclusion principle provides a way to either prevent time travel or to make it very difficult other topics include the casimir effect the large scale structure of our universe the relationship between thermal radiation light and the warping of space gravity why temperature fluctuations and not mass determine the fate of the universe and our concept of the universe join the author as he takes a closer look at the universe to show what is true and what we've gotten all wrong

the big questions series is designed to let renowned experts address the 20 most fundamental and frequently asked questions of a major branch of science or philosophy each 3000 word essay simply and concisely examines a question that has eternally perplexed enquiring minds and provides answers from history's great thinkers this ambitious project is a unique distillation of

humanity's best ideas in big questions physics michael brooks answers the 20 key questions what is the point of physics is everything ultimately random what is time why is there no such thing as a free lunch what happened to schrodinger's cat can i change the universe with a single glance are solids really solid which is nature's strongest force why does an apple fall do we live in a computer simulation what is light is earth's magnetic shield failing am i unique in the universe does chaos theory spell disaster can we travel through time is string theory really about strings why does $E=mc^2$ what is the god particle why is there something rather than nothing what is the ultimate nature of reality

for the first time real images of photon electron positron neutrino proton and neutron are released to world by super unified theory super unified theory can explain everything from classical physics to relativity from standard model to god particle from gravitation to nuclear force from magnetism to electric fields from electromagnetic radiation to thermodynamics of universe from cosmic cycle to intricacies of galactic activities from structure of universe to structure of elementary particle super unified theory has answers for everything debated along the centuries in field of physics astronomy particle physics and universe do you want to know what is the structure of photon and their process formation what is the structure of electromagnetic radiation and how are they produced in universe what is the structure electron and site of their electric activity how particle to wave transformation occurs in universe what is the structure of positron neutrino proton and neutron what are the representatives of magnetic field and electric field lines in at the level of structure of individual particle do we have a nuclear configuration representing electron configuration in nucleus how was universe before big bang what is the structure of universe and reason for its expansion what is the definition of cosmic cycle what is the origin of all forces and how gravity is applied super unified theory is major breakthrough in field of physics particle physics and astronomy with gamut of discoveries ranging from photon structure to structure of black hole from origin application to unification of all fundamental forces from structure of universe to working model of cosmic cycle of creation destruction and recreation a complete book which has unified all particles and all forces of nature unbelievable but true because nature is so simple and straightforward regards abhijit thakur

astronomic solutions is a step by step introduction to a new model for the universe it provides general thoughts about the main astronomic forces matter and constellations of the universe as well as examining the correlation between the energy via matter at square light velocity and the same energy via gravitation at standstill

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