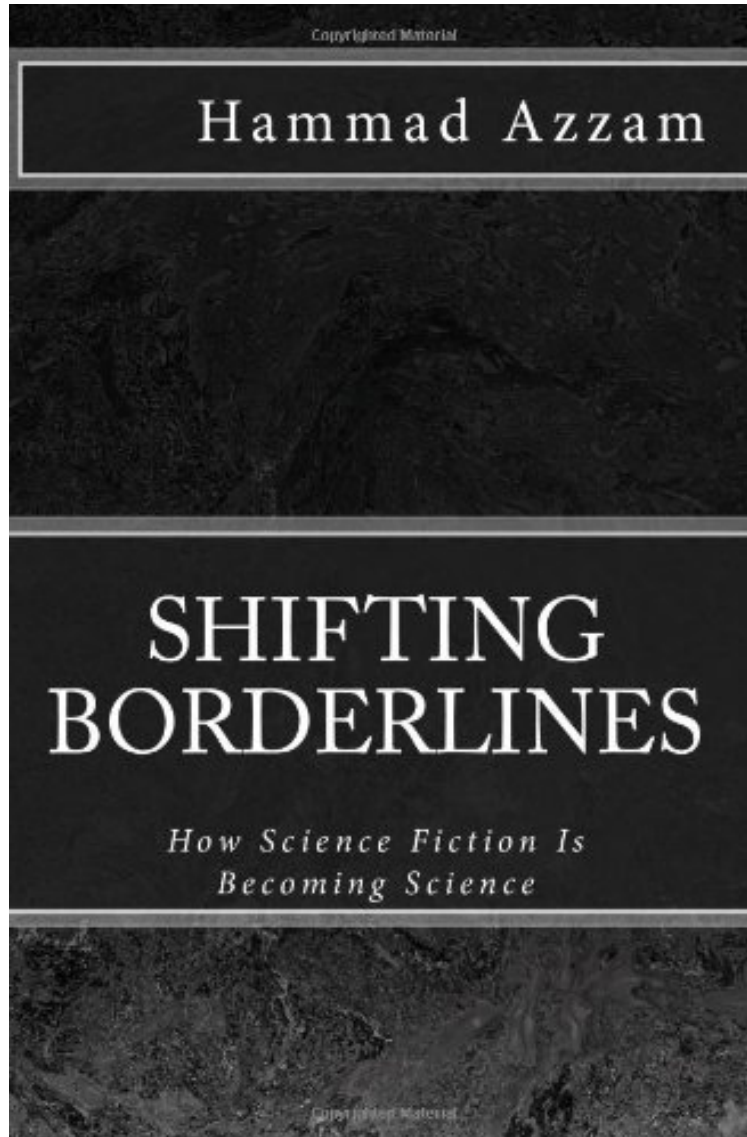


(Free pdf) Shifting Borderlines: How Science Fiction Is Becoming Science

Shifting Borderlines: How Science Fiction Is Becoming Science

Hammad Azzam

**Download PDF / ePub / DOC / audiobook / ebooks*



 Download

 Read Online

#367551 in Books CreateSpace Independent Publishing Platform 2010-03-23 Original language: English PDF
1 8.00 x .50 x 5.251, .51 #File Name: 1451565240198 pages | File size: 33.Mb

Hammad Azzam : Shifting Borderlines: How Science Fiction Is Becoming Science before purchasing it in order to gauge whether or not it would be worth my time, and all praised Shifting Borderlines: How Science Fiction Is Becoming Science:

0 of 0 people found the following review helpful. Science is mankind's great intellectual adventure By Rami Albanna Shifting Borderlines proves that science is mankind's great intellectual adventure, and in the last 500 years, and it shows how it has dramatically changed the way we live. Shifting Borderlines shows through the use of science,

we can move from continent to continent with an ease that was once unimaginable, and our daily lives are comfortable in ways that were inconceivable a few generations ago. We can cure diseases that once were thought incurable, and, as a consequence, life expectancy of Americans increased 50 percent in the last century. Yet the science behind these advances remains a mystery to most people. Fortunately, a solution is at hand; *Shifting Borderlines* makes scientific literacy possible for anyone. *Shifting Borderlines* proves that science books can be popular; although you will rarely find a science book on the seller list, I believe that *Shifting Borderlines* might break that mold. *Shifting Borderlines* is written for the public, and is entertaining, generally accurate, and amazingly informative. Furthermore, *Shifting Borderlines* may prove to be crucially important to understanding the way we think and live.

1 of 1 people found the following review helpful. "Alright, but that will not wake up the universe, will it?" By Tara Nguyen
The main character is completely earnest with a witty sense of humor and he wins you over almost immediately after "meeting" him. His interest in science is most likely driven by the circle he is in outside of work, and seems incongruous to the other dimensions of his life. This makes the storyline even more interesting and unexpected. Through casual dialogues amongst four "cast" members, as Azzam introduces them, science concepts which would normally be considered dense are explained in a logical, easy to understand and filled with common sense manner. The nature of the discussions with each cast member bringing forth his own perspective also allows Azzam to convey that "science is not perfect". The uncertainty principle need not apply here, if you read the book you will definitely enjoy it; it is well written, entertaining, and thought provoking. Oh, did I mention, the wife is hilarious!

2 of 2 people found the following review helpful. One of the best books I have read in a very long time
By Shadman Zafar
I am avid reader and love reading science and general non fiction category. I think this is one of the best written book with the fun of a good humor book, story of a great novel and science prediction of a well studied and peer reviewed research paper. If you want to read one book this summer, read this book.

The enabler of the quantum evolutionary leaps of our times is the rapid progression of science and the proliferation of scientific fields tackling very specialized subjects like bioinformatics, artificial intelligence and nanotechnology. Science is growing fast and unabated. Wars, economic downturns, and all other detrimental events have little effect on the expansion of science. What started with few fields (mathematics, chemistry, biology) has mushroomed into thousands of domains that span every aspect of humanity. New disciplines like Very Large Scale Integration (VLSI) are commanding armies of loyal followers that diligently strive to create the next substantial breakthrough in the field. The book consists of four chapters that are mostly dialogues about science, technology and the future. Each chapter starts with an introduction on the subject at hand and tails into a dialogue. Four main topics are discussed: Robotics: How some want machine to take over, others want machines to go away, yet everyone is in an urgent rush to surround himself with as much electronics as possible. The debate heats up to a boiling point on the topic of machine intelligence and its effect on humanity. Science Eccentricities: Why black holes suck, Relativity is about absoluteness, and the universe is multidimensional. Bio-Universe: How our age old pursuit to understand the intricacies of the inner space will be trivial compared to what is about to materialize in the coming few years, especially on the aging-combat front. The Future: Why a trip to the future might be much more complicated than Michael J. Fox's time machine journeys. The discussion heats up on paths of the future; the relatively near future. The cast includes Herbert, a brilliant physicist, Buzweil, an optimistic futurist, John a realistic conservative, and me...

About the Author
Hammad Azzam is Collaboration Platform Director at British Telecom responsible for systems implementation of eCommerce solutions including Retail, Enterprise and Wholesale portals. He received his Ph.D. in Electrical and Computer Engineering from Tufts University in 1992 and his undergraduate degree in Electrical Engineering from American University of Beirut in 1988. Hammad began his career as a Senior Member of Technical Staff at GTE Labs, the research arm for GTE, and was part-responsible for the design and development of national network management systems that monitored PSTN switches, SS7 networks, and broadband connectivity. When the telecommunications market decided to turn cannibal, GTE was consumed by the Verizon giant and Hammad continued his career in Verizon, eventually to become Vice President - Information Technology, responsible for the design, architecture, development, deployment and maintenance of Retail online systems. His areas of expertise include IT strategy and execution, eCommerce strategy and delivery, large scale project management, enterprise IT Systems, telecommunications OSS, broadband service fulfillment, information architecture and retrieval, Smart City design and operations, and new product development. His areas of research include eCommerce, information retrieval, bioinformatics, general management, and programmable logic devices. He lives with his wife Lina, and two daughters Tamara and Nadeen in Irving, Texas.